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BEOBACHTET AUF DER STERNWARTE

CAMBRIDGE

ENGLAND.

LEIPZIG 1897.

IN COMMISSION BEI WILHELM ENGELMANN.

CATALOGUE OF 14464 STARS

BETWEEN 24°15′ AND 30°57′ OF NORTH DECLINATION 1855

FOR THE EPOCH

1875

FROM OBSERVATIONS MADE ACCORDING TO THE PROGRAMME OF THE ASTRONOMISCHE GESELLSCHAFT

AT THE

UNIVERSITY OBSERVATORY, CAMBRIDGE, ENGLAND

DURING THE YEARS 1872 TO 1896

BY

A. GRAHAM.

PUBLISHED BY THE ASTRONOMISCHE GESELLSCHAFT.

LEIPZIG 1897.

SOLD FOR THE GESELLSCHAFT BY WILHELM ENGELMANN.

INTRODUCTION.

The proposal to co-operate with the Astronomische Gesellschaft in the accurate determination of the places of stars contained, within certain limits, in Argelander's Durchmusterung, came to Professor Adams in the early part of 1872, shortly after the erection of the large Transit Circle.

Notwithstanding the smallness of the staff, another Assistant besides myself, we agreed to undertake the work, as soon as preliminary difficulties could be surmounted. How these difficulties were met will be best understood after

A brief description of the Instrument.

The Object Glass, by Messrs. Cooke and Sons, was originally made for Mr. Dawes; but the focal length was too short to suit his mounting. He had carefully tested it, and on his recommendation, the Observatory Syndicate, acting on the advice of Professor Adams, purchased it from the manufacturers. It has a clear aperture of 8 inches, with a focal length of about 9 feet; and gives, as might be expected, with a good sky, a small and well-defined image of even the largest fixed stars. The mounting of the object glass was executed, with their usual care, by Messrs. Troughton and Simms.

The Tubes are of brass, attached to a central cube and axis of gun-metal. The Pivots are hollow cylinders of hard steel, resting on curved supports of bell-metal, the upper edges of which are bevelled, and fit so closely to the pivots that it is practically impossible for dust or grit to get between.

The pressure on the pivots is lightened, as far as stability will allow, by friction rollers resting on hollow cylindrical steel bars, which are supported on the shorter arms of levers, the fulcra of which are in openings cut through the piers, sliding counterpoises of lead being on the longer arms.

The pivots were carefully examined by powerful microscopes provided for that purpose, and were found to be so nearly cylindrical that correction was considered unnecessary.

The Clamp acts on the West side of the Axis, between the piers, and is accessible to both the transit and circle observers. The tangent screw is within the reach of the transit observer only.

Stars sufficiently near the Equator are observed at some or all of seven wires, placed at equatorial intervals of about 12.3 seconds of time. Six additional wires were originally used for stars near the Pole; but two of these, nearest the centre wire on each side, gave way in the course of the work, and were not replaced: so that, throughout the greater part of the time, the total number of vertical wires, in the focus of the eye-piece, has been eleven. There are two horizontal wires at an interval of 11.2 seconds of arc.

Both the vertical and horizontal wires are movable by micrometer screws. The head of the screw which moves the R.A. wires is protected by a covering which is locked at all times, unless when observations are made to ascertain the inclination of the Axis and the line of Collimation. The R.A. micrometer head is left at a fixed reading, thus leaving a small error of collimation to be corrected for in the reductions.

To obtain the Inclination of the Axis and the Nadir Point, a circular trough of mercury, somewhat larger than the object glass, rests permanently under the flooring, on the block of stone which supports the piers, and is used two or three times each week. There are no screws for adjusting the instrument in Level or Azimuth, and the Axis remains nearly in the same position year after year, with a slight increase of error in both directions.

The Collimating Telescopes have object glasses of 6^{in} aperture. They can be set on each other through an opening in the central cube of the Transit Telescope, and are adjustable both horizontally and vertically.

Two setting circles of the usual kind, with verniers reading to minutes, are placed on opposite sides of the tube, near the eye-end. These, as will be seen afterwards, were not used in observing the Zones.

There are two Circles, each 3 feet in diameter, and equally well divided at intervals of five minutes; with four reading microscopes to each circle, magnifying linearly about 60 times, having parallel micrometer wires for making the bisections, and micrometer heads graduated to seconds. These two circles are of bell-metal, the graduations on silver. They are firmly clamped to the Axis, on opposite sides of the Telescope,

within the pillars: one fixed relatively to the Axis by pins inserted in both; the other, by undoing the clamp, may have a different set of divisions brought under the Microscopes; thus furnishing a means to test the accuracy of the divisions on the fixed circle, which has always been the one used in making the observations, and has throughout been on the West side. Each circle is also furnished with a pointer microscope of low power.

The illumination of the Microscopes and Eye-piece is ingeniously provided for by prisms and a reflector. The light is placed at a considerable distance from the Axis, behind a large lens, and falls on the prisms and reflector in rays nearly parallel. It was designed to have the power of using bright lines in a dark field when observing very small stars: but the means provided were not successful, perhaps from the fact that the pivots were not sufficiently large to allow a larger opening: however, it was found that by interposing a red glass at the opening of the pivot, and thus showing the wires dark in a red field, stars down to 9.5 magnitude could be observed with ease, and these were the faintest which our instructions required. This method has the advantage that faint stars and standard stars are observed in precisely the same way, except that in observing the standard stars the screen was usually turned aside.

Mode of observation.

The eye and ear method was used throughout.

Rapid and accurate setting of the Instrument was essential, and to effect this the small circles at the eye-end were practically useless. Several modes of meeting this difficulty were suggested: but it was at length overcome by a very simple contrivance of a cord and pulleys, by which the circle observer, looking through the pointer microscope, can bring the instrument into position in 2 or 3 seconds.

Our instructions were to get two observations of every star in Argelander's Durchmusterung down to ninth magnitude, and all below ninth magnitude to which a letter was affixed, between the limits 24°50' and 30°10' North Declination; and, in case of any discrepancy between the results of the two observations, or any question arising, to take a third observation. Professor Adams judged it better to get three observations at least of each star, each observation across three wires, when possible, and to read off two opposite microscopes. The standard stars were taken, if possible, at all the seven wires, all four microscopes were read off, and with each two bisections were made at the two divisions nearest to the zero of the comb: besides these, four complete readings were taken each night, two at the beginning and two at the end of the observations, with the telescope directed to the boundaries of the Zone observed on that night.

The Circle observer, standing near the pointer microscope, with the observing catalogue and Transit Clock before him, directs the telescope for the coming star, clamps it, and announces the magnitude of the star and approximately the time of its entering the field of view. The Transit observer, by means of the tangent screw, brings the star between the horizontal wires and signals to the Circle observer to read off the microscopes while he is taking the transits, makes the final bisection by means of the Declination micrometer, noting the part of the field where this was done, and reading off the micrometer head. Finally he calls out to the Circle observer his estimate of the magnitude of the star, and any remark that may be thought useful for future reference.

In observing the zones proper, the transits were all taken by myself, the circle readings by Mr. H. Todd, whose duty it was besides, to prepare the observing catalogue for each night, to identify the stars on the following day, and to enter the observations in the reduction books. The comparatively few stars that were overlooked in the zone observations, and any about which questions or doubts had arisen, were subsequently observed by Miss A. Walker, chiefly at the seven wires, and reading the four microscopes, just as in the case of the standard stars.

A number of stars were accidentally observed outside of the limits of the Zone as fixed by the programme, most of them in the two 10'-belts next to the north and to the south, some however at a greater distance, extending the limits of our observations to 24°15' and 30°57'. It was considered best to retain them in the Catalogue, but in order that they may be easily distinguished their BD-numbers have been printed in Italics. The total number of stars observed and catalogued is 14464; the Catalogue proper has 14441 numbers, 3 of these however ought to be omitted as explained in the Errata, while 26 more stars were subsequently observed, whose places are catalogued in the Appendix.

Five stars which occur in the Durchmusterung could not be found. They are given as follows:—

27° 384 mag. 8.5.*

27 725 mag. 5.9— a misprint for 9.5 (v. Bonn. Beob. VI p. 378).**

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* Observed 1855 Nov. 9 and Dec. 3, and noted $8^m.5$ both times; looked for by Prof. Deichmüller at Bonn 1897 Feb. 19 and Feb. 28, and found in its place and mag. as given by BD, or slightly brighter. Missed in Cambr. zones 1762, 1764.

** This star, looked for only as a bright star before, has been observed since at Cambridge 1897 Feb. 26:

2285* $9^m.3$ $4^h57^m23^s.58$ +3".7507 +0".0111 +27°47'23".2 +5".410 −0".529 1897.2

29° 440 mag. 6.5— which however is only a misprint for 9.5, as the charts show.
29 2312 mag. 9.3— the RA. of this star however is 1^m too great in BD, and it was not looked for therefore in the proper place.*
29 4985 mag. 9.0.**

Reduction of the observations.

The calculations, so far as apparent Right Ascension and Declination, were made by myself. The reductions to the Mean Equinox for the beginning of the year—using the constants in the Berlin Ephemeris—were made partly by myself and partly by Miss Walker, who has rendered valuable assistance in the reduction to Epoch and in the arrangement of the Catalogue.

Extensive Tables were prepared to facilitate the calculation of the Precessions and their Secular Variations in Right Ascension and Declination, from Struve's constants, and the Precessions and Secular Variations for each individual star were interpolated from these tables.

Tables were also prepared for calculating the Third term, dependent on the square of the time from Epoch; but Professor Adams did not judge it necessary to use them: they shall however be printed with the others and may be found useful where extreme accuracy is required, for instance in ascertaining the amount of proper motion.

In observing Zone Stars, only two microscopes were used, the one lowest to the South (D) and its opposite (B); the mean of these, corrected for runs, was reduced to the mean of the four microscopes similarly corrected, by constants deduced from all the complete readings made during the night. The apparent Declination was provisionally obtained by using the observed Nadir Point. A comparison with the tabular places of the observed Standard Stars gave a correction which was applied to all the stars taken during the night, and thus the places of the Zone Stars were made to depend on those of the standard stars, as well in Declination as in Right Ascension.

Probable errors of results.

It was intended at first to examine all the stars of which five observations and upwards had been taken: but, as 916 observations of 141 stars brought the work up only to $0^h 50^m$ Right Ascension, it was thought better to limit the examination afterwards to seven observations and upwards. Two stars only were omitted which gave decided evidence of proper motion; and one observation was rejected which differed in Right Ascension considerably from the others, while the star was marked in the memorandum books *very faint.*

The final result, from 7461 observations of 945 stars, gives for the probable error of one observation

in R.A., $0^s.06608 \pm 0^s.00040$; in Decl., $0''.5079 \pm 0''.0031$.

Comparison with other Catalogues.

Guided chiefly by the letters affixed in the Durchmusterung, about 9000 places in this Catalogue have been compared with the older catalogues, more especially Weisse's Catalogue of Bessel's Zone Stars (K), the British Association Catalogue of Lalande's Stars (L), Rümker's and Struve's Catalogues (R and S), the more exact places of stars in the Durchmusterung given in Vol. VI of the Bonn Observations (B), occasionally with Piazzi and Bradley (P and Br), and in a few cases with the earlier Greenwich Catalogues (G).

The results of these comparisons are tabulated in a condensed form, and will be given with a larger edition of the Catalogue. This edition will contain the results of the individual observations, with dates and number of wires, and the Precessions in Right Ascension and Declination; tables being given at the bottom of each page, from which the Secular Variations of the Precessions may be easily deduced. A very large number of the discordances appear to be due to systematic errors in the Zones of Lalande and Bessel. In one instance, the places of several stars which were found in two of Bessel's Zones, 309 and 323, differ in Weisse's Catalogue, systematically, about $1^s.4$ in Right Ascension.

Here, a selection from the results of the comparisons is subjoined embracing all those cases which give indications of proper motion. The references in the last column, in which the letters have the same signification as in the Bonner Durchmusterung, give for Lalande and the Bonner Beobachtungen, Vol. VI,

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* Two observations since made at Cambridge, 1897 Mar. 3 and Mar. 8, give the result:
6193* $9^m.3$ $12^h 32^m 59^s.31$ $+2^s.9662$ $-0^s.0115$ $+28°55'23''.8$ $-19''.847$ $+0''.071$ 1897.2

** Observed 1853 Nov. 7 as $8^m.5$, 1855 Nov. 4 $9^m.5$, and perhaps also 1855 Dec. 28 $9^m.5$; missed at Cambridge in zones 1752, 1753. Prof. Deichmüller found only a star of 11-12 mag. in the BD-place 1897 Febr. 28.

the date of observation, and for Bessel the number of the zone in which the star occurs. This selection, with the Errata, List of Zones, and Appendix to the Catalogue, are the result of a very careful examination by Mr. A. R. Hinks and Miss Walker, and have been drawn up by both conjointly.

The proper motions of a number of the stars in this comparison have been fully discussed in the Introduction to the Catalogue of the Paris Observatory.

The differences given in the second and third columns are Cambridge *minus* older Catalogue.

Selection from the results of comparisons.

Nr.	Δα	Δδ	Catalogue compared	Nr.	Δα	Δδ	Catalogue compared	Nr.	Δα	Δδ	Catalogue compared
91	+1ˢ.12	+ 4″.9	K 389	1362	−1ˢ.01	− 1ˢ.1	K 535	2434	+0ˢ.83	+ 4″.0	B 1859 Feb. 21
120	+1.17	−12.7	L 1797 Nov. 13	1364	−0.96	+ 0.4	K 535	2491	+0.90	+ 5.8	B 1859 Jan. 13
284	+0.76	− 5.2	B 1858 Oct. 30	1407	+1.28	+ 0.9	L 1795 Nov. 10	2519	+0.82	+ 4.9	B 1859 Feb. 8
287	−0.06	−10.3	L 1800 Nov. 13	1411	+0.10	−20.9	B 1857 Nov. 19	2606	+1.18	+ 0.4	L 1795 Feb. 18
301	+0.95	−10.2	K 385	1436	+0.51	−12.4	K 333	2718	+0.09	−15.0	K 520
	+1.20	− 2.9	L 1800 Nov. 13		+1.97	−15.2	L 1793 Aug. 24	2740	−1.64	+ 4.6	K 523
312	+0.80	+ 2.5	B 1858 Oct. 31	1454	+1.05	− 7.7	K 333	2843	−1.18	− 2.6	K 507
328	+1.23	− 3.5	K 325		+1.90	−13.3	L 1795 Nov. 10	2883	−0.42	−10.7	K 520
344	+0.25	−15.8	K 389	1512	+0.95	−12.9	K 333	2902	+1.13	− 4.8	R (Nachtrag)
	+1.08	−37.7	L {1794 Nov. 29 / 1797 Nov. 13		+2.03	−16.7	L 1795 Nov. 10	2941	+1.34	+ 3.7	B 1858 Feb. 22
				1513	−2.97	+53.4	B 1857 Nov. 16	2981	−1.72	− 1.6	K 523
373	+1.11	+ 3.7	B 1858 Nov. 4	1523	+0.87	− 1.3	K 532, 535, 536	3064[a]	−0.35	−15.0	K 513
386	+2.14	− 9.7	L 1793 Aug. 21		+2.19	− 7.7	L 1794 Dec. 7	3090	+0.03	−18.2	K 523
430	+0.21	+47.0	B {1863 Sep. 30 / 1863 Oct. 8	1524	+1.35	− 6.6	L 1794 Dec. 7	3095	+0.84	+ 2.2	B 1858 Jan. 28
				1553	+1.06	− 8.2	K 133	3115	+1.18	− 1.3	L 1795 Feb. 18
483	−0.20	−10.9	K 445		+1.70	−12.9	L 1795 Nov. 10	3172	+0.52	−11.0	L 1795 Feb. 18
486	+1.02	+ 2.6	K 390	1577	+0.11	+10.4	K 535	3265	−0.84	−21.8	K 520
574	+1.57	−11.9	L 1797 Nov. 13	1581	−0.26	−17.6	B {1857 Nov. 15 / 1859 Jan. 22		−1.06	−41.9	L 1795 Feb. 16
631	+1.01	−11.1	L 1800 Nov. 13					3275	+1.42	− 1.0	B 1858 Feb. 22
703	+1.10	− 5.0	L 1794 Nov. 29	1638	+0.82	+ 5.9	B 1857 Nov. 16	3325	+0.99	+ 3.5	B 1858 Feb. 9
800	+2.84	−23.4	L 1793 Aug. 20	1758	+0.91	− 7.4	K 396	3353	+1.17	0.0	K 523
	+1.81	−17.5	L 1800 Nov. 13		+1.72	−19.8	L 1797 Dec. 30	3402	+0.07	+10.2	K 348
848	+1.28	+ 8.3	B 1859 Jan. 6	1764	+0.19	+23.2	B 1857 Nov. 14	3513	−0.04	+ 9.4	B 1859 Mar. 20
849	+1.08	− 0.2	K 447	1792	−0.02	−10.8	S Pos. med. 364	3536	+0.05	−11.8	K 405, 523
	+1.42	−13.9	L {1793 Aug. 20 / 1800 Nov. 13	1804	+1.34	− 8.7	B 1856 Dec. 4	3695	+0.49	−33.3	Greenwich 1840
				1821	−0.15	−13.0	K 397		+1.36	−69.5	L 1794 Mar. 4
855	−0.36	+ 8.7	B 1858 Oct. 30	1824	+0.53	− 6.7	B {1857 Feb. 21 / 1858 Feb. 18	3733	+1.48	− 3.3	L 1795 Feb. 16
867	+2.21	−12.5	L {1793 Aug. 20 / 1800 Nov. 13					3745	+2.17	+ 1.9	B 1858 Feb. 2
	+1.07	− 6.4			+0.70	− 9.6	K 397, 535	3746	+0.83	− 5.7	B 1858 Feb. 2
					+2.54	−19.1	L 1795 Jan. 1	3753	+0.18	−27.4	L 1794 Mar. 4
906	+2.84	−20.6	L 1800 Nov. 13	1858	+0.53	−11.6	B 1856 Dec. 4	3831	−1.68	− 6.6	K 341, 405
918	+2.11	+10.2	K 447	1945	+0.81	−10.2	L 1794 Dec. 19		−2.55	−15.4	L 1795 Feb. 18
	+2.96	+ 8.6	L 1800 Nov. 13	2031	−0.39	−12.5	K 398	3880	+0.85	− 7.7	K 351, 352
933	+0.89	− 2.6	B 1858 Nov. 4	2101	+0.92	− 3.9	B 1859 Feb. 9	3921	+0.91	+ 2.4	B 1858 Feb. 18
991	+0.21	−14.2	L 1800 Nov. 13	2150	+0.17	−11.2	K 397	3987	+0.78	+ 2.5	B 1858 Feb. 18
999	+0.26	−13.0	L 1793 Aug. 20		+0.08	−31.4	L 1795 Jan. 1	3993	+1.10	− 1.7	K 351
1036	−3.43	−90.6	R Nr. 470	2174	+0.89	+ 5.0	B 1859 Jan. 5	4011	+0.93	+ 6.8	B {1858 Jan. 22 / 1858 Feb. 17
1088	+1.41	− 0.3	B 1858 Nov. 7	2246	+1.08	+ 1.7	B 1859 Jan. 1				
1100	+0.24	+ 9.3	K 447	2254	+0.98	− 5.1	K 398	4051	+0.36	−33.9	K 341
1103	+0.19	+ 8.2	K 447		+2.75	−11.9	L 1794 Dec. 19		+0.85	−28.1	L 1795 Feb. 18
1158	+1.19	−12.5	K 447, 532, 536	2290	+1.02	− 5.3	L 1794 Dec. 19	4072	−1.29	− 2.6	K 341
1200	+0.67	−10.9	K 331	2315	+1.31	− 1.7	K 507	4144	+0.88	+ 2.2	B 1858 Jan. 22
1205	+1.19	− 7.7	L {1793 Aug. 24 / 1795 Nov. 10		+0.48	− 5.5	L 1795 Jan. 1	4285	−0.29	−16.6	B 10 obs.
								4306	+0.29	+21.9	B 1858 Feb. 9
1245	−0.20	+33.2	B 1857 Nov. 19	2322	+0.21	− 2.1	B {1866 Feb. 13 / 1866 Feb. 20	4397	−0.08	−17.4	K 351
1272	−0.19	+34.2	K 333		+0.86	− 2.1	K 397	4482	+0.29	−19.8	K 351, 352
1277	−0.42	+41.2	B 1857 Nov. 14		+1.74	−13.3	L 1795 Jan. 1				
1339	+1.31	− 1.3	K 535						+0.08	−33.6	L {1795 Feb. 18 / 1795 Mar. 24 / 1795 Mar. 30
1341	−1.80	+ 0.8	K 535	2431	+2.48	+ 0.2	K 523				

Nr.	$\Delta\alpha$	$\Delta\delta$	Catalogue compared	Nr.	$\Delta\alpha$	$\Delta\delta$	Catalogue compared	Nr.	$\Delta\alpha$	$\Delta\delta$	Catalogue compared
4513	+0ˢ.21	−12″.9	L 1795 Feb. 18	5932	+0ˢ.15	−15″.7	L 1794 Apr. 23				
4529	+0.89	− 6.6	K 351	5977	+1.14	+10.0	B 1857 Mar. 24	7260	+1ˢ.23	+ 6″.9	B {1858 June 13 1858 June 15 (α only)
	−0.11	−10.7	L {1794 Mar. 4 1795 Mar. 20	5983	+0.96	− 5.8	K 356				
				6017	−0.90	−34.0	L 1795 Apr. 25	7420	−2.71	+14.3	K 366
4594	+1.42	− 0.4	B 1859 Mar. 10	6025	+0.81	− 1.5	B 1857 Mar. 29	7464	+1.61	− 4.1	L 1795 May 26
4603	−0.88	+10.7	K 344	6045	−0.88	−12.0	L 1800 May 1	7468	−2.16	+39.5	K 365, 423
4618	−0.45	− 6.7	K 347	6071	−0.35	−14.8	L 1794 Apr. 23		−2.89	+57.7	L {1795 Apr. 25 1795 May 23
				6072	−0.03	−10.3	K 464				
	−0.83	−16.8	L {1795 Mar. 20 1795 Mar. 30 1797 Mar. 22	6073	+0.33	−11.7	K 464	7522	−1.16	+ 3.8	B 1857 May 18
				6079	−1.23	+ 8.3	L 1794 Apr. 25				
4674	−0.52	−16.3	K 341	6080	+0.55	+22.9	B 1858 Mar. 28	7532	+0.87	+ 2.6	B {1857 May 14 1857 June 1 (α only)
4722	−1.26	− 8.3	R Nr. 2674	6146	+1.16	− 6.3	L 1794 Apr. 22				
4751	+0.29	+ 9.0	B 1859 Jan. 26	6168	+0.33	−11.1	L 1794 Apr. 23	7553	−0.09	+24.1	K 423
4758	−0.10	−17.6	L 1795 Apr. 1	6194	+0.79	−19.5	L 1794 Apr. 22	7575	+1.01	− 6.3	B 1857 May 18
4878	+0.04	−11.9	L 1795 Apr. 1	6234	−1.33	− 5.0	L 1800 May 1	7585	+0.73	+ 9.2	B 1857 June 1
4896	+0.05	−28.7	K 406	6253	−1.13	− 0.9	K 503	7600	+0.75	+ 4.1	B 1857 June 1
	+0.70	−44.3	L 1794 Mar. 4	6263	+0.57	− 9.2	K 464	7603	0.00	+11.6	K 366
4905	−0.04	+ 8.3	B 1859 Feb. 21	6280	−0.80	− 7.7	K 464	7658	+1.27	− 2.4	L 1795 July 2
5001	−0.82	−13.1	K 349	6295	+1.04	− 0.8	K 503	7776	+0.04	+11.9	K 423, 477
	−1.13	−21.2	L 1795 Apr. 30		+0.40	−11.3	L 1794 Apr. 23	7786	+0.69	− 8.6	B 1857 May 28
5160	+0.46	−48.0	R (Nachtrag)	6368	+1.00	− 6.3	K 468	7870	+0.07	+10.9	K 373
5173	−1.38	− 6.0	K 349	6416	+0.34	−22.0	K 464	7965	−0.01	−10.1	K 373
5195	+1.57	0.0	B 1857 Mar. 20		+0.84	−33.5	L {1794 Apr. 21 1798 Apr. 23	8095	+0.78	+ 2.8	B 1857 July 14
5280	+0.47	−16.3	K 500					8136	−1.11	+ 4.1	K 373
5285	+0.05	− 7.4	B {1857 Mar. 20 1862 Mar. 30	6432	−0.62	+15.6	L 1794 Apr. 21	8144	+0.15	+16.5	L 1797 July 25
				6436	+1.12	− 8.6	K 464	8208	−0.21	+18.5	K 373
5288	+0.07	+20.3	K 500	6460	−1.55	+13.2	K 468	8207	+0.08	+21.6	K 373
5317	−0.93	+ 5.9	B 1857 Mar. 26		−3.28	+18.5	L 1794 Apr. 21	8321	−0.46	+15.1	K 373
5341	+0.21	−10.6	K 500	6500	−0.11	−13.0	K 464	8346	+1.40	+ 4.1	L 1795 June 3
5381	+1.25	+ 1.1	B 1857 Mar. 20	6511	+0.59	−10.1	L 1794 Apr. 21	8397	+0.87	+ 1.5	B 1857 July 17
5384	−0.95	− 0.5	B 1857 Mar. 15	6514	+1.13	−15.2	L 1799 May 28	8435	−0.62	−13.1	K 373
5413	+0.10	−11.0	S Nr. 1220	6518	−1.11	+ 4.1	K 462	8551	−1.14	− 1.8	B 1861 July 11
5436	+0.82	− 1.7	B 1857 Mar. 24	6553	+1.15	+ 0.3	L 1799 May 28	8589	−1.18	+12.3	K 423
5439	+0.27	−11.4	B 1857 Mar. 15	6555	+1.24	− 0.1	L 1798 Apr. 23	8618	+1.37	−23.6	K 423
5472	+0.96	− 5.5	B 1857 Mar. 24	6607	−2.01	− 7.8	S Pos. med. 1562	8703	−1.19	− 1.9	B 1857 July 13
5475	−1.04	+ 8.3	L 1794 Apr. 25		−3.02	− 9.0	L 1798 Apr. 23	8945	−0.06	+26.5	B 1858 Aug. 12
5478	−1.18	−10.5	L 1794 Apr. 23	6617	+1.22	+ 8.7	B 1858 Apr. 4	9095	+1.02	+ 2.4	K 428
5505	−0.81	− 1.5	B 1857 Mar. 15	6633	+1.00	−23.7	K 464	9129	+0.78	+ 2.3	B 1858 July 1
5559	−1.66	− 5.1	K 526		+2.37	−24.3	L 1798 Apr. 23	9181	+1.30	+ 2.1	K 435
				6691	+0.19	−17.3	K 464	9344	+1.35	+ 3.9	K 432
	−2.83	−11.0	L {1794 Mar. 4 1794 Apr. 21 1794 Apr. 23	6694	+0.01	−11.7	K 462	9441	+0.71	+15.5	L 1793 Aug. 19
				6739	+1.39	− 4.8	L 1795 May 23	9508	−0.19	+22.6	L 1796 Aug. 20
5563	+1.31	− 7.7	K 356	6764	+1.00	− 1.3	B 1858 Apr. 23	9589	+0.81	+ 3.3	B 1858 July 17
5579	−1.26	− 8.1	L 1794 Apr. 25	6818	+0.27	−10.4	L 1795 May 23	9785	+1.07	+ 5.8	K 432
5600	+1.21	− 1.0	K 500	6845	−0.25	−11.2	R Nr. 4713	9789	+1.06	+ 3.6	K 432
5620	−1.31	− 1.0	K 500	6866	+0.84	+ 2.9	B 1858 Apr. 19	9952	+1.14	− 1.1	B 1858 Aug. 4
	−2.52	− 7.9	L 1794 Apr. 25	6889	+1.00	−27.6	L 1795 May 26	9960	+1.38	− 5.6	L 1794 July 21
5653	+0.98	− 4.1	B 1857 Apr. 17	6918	+0.93	+ 4.0	B 1858 Apr. 19	10099	+1.13	+ 2.4	K 432
5663	+0.40	+ 9.6	B 1857 Mar. 17	6935	+1.11	+ 0.4	L 1795 May 26	10113	+0.05	−11.0	L 1796 Aug. 20
5670	+1.33	− 2.0	K 500	6948	−1.28	+ 4.1	K 366	10209	+0.66	− 7.0	B 1859 Sept. 10
5681	+1.44	+ 8.9	B 1857 Mar. 26	6959	+1.55	− 7.1	L 1795 May 26	10376	−1.16	− 2.4	K 303
5727	−1.27	− 4.3	K 500	7076	+1.24	− 6.8	L 1795 May 26	10423	−0.15	+19.0	L {1793 Aug. 20 1793 Aug. 21
5740	−1.03	−10.0	K 356	7080	+0.61	−12.3	L 1795 May 26				
5764	−1.11	−12.0	L 1794 Apr. 25	7086	−0.99	+ 7.7	B 1858 May 10	10444	+0.13	−10.4	K 303
5831	+0.92	0.0	B 1857 Mar. 26	7089	+1.28	− 5.0	L 1795 May 26	10525	−0.05	+13.1	K 432
5891	+0.94	+ 0.1	B 1857 Mar. 26	7152	−0.14	−11.8	L 1795 May 23	10536	−0.04	−43.0	K 305
5916	+1.12	− 3.2	B 1857 Mar. 20	7239	+1.11	− 3.8	L 1795 May 26	10634	−0.96	−24.0	B 1858 July 20

Nr.	$\Delta\alpha$	$\Delta\delta$	Catalogue compared
10727	−2ˢ.51	+ 1″.2	K 305
10780	+0.84	−11.1	B 14 obs.
	+2.66	−23.2	K 306, 435
	+4.55	−48.5	L 1793 Aug. 19
10814	+0.12	−33.8	L 1793 Aug. 21
10887	−1.16	− 3.2	K 303
11269	+1.10	+ 0.2	B 1857 Aug. 24
11288	+1.08	+ 0.9	B 1857 Sep. 12
11315	+0.13	− 8.4	B 1857 Oct. 2
11323	+0.97	− 4.1	K 303
11334	−0.13	+ 8.4	B 1853 Oct. 31
11403	+1.08	− 0.8	B 1853 Oct. 31
11623	+1.41	+ 0.8	K 306
11680	+1.10	− 1.8	K 305
11688	−0.15	−19.5	L 1793 Aug. 21
11695	+1.25	− 4.4	K 303
11806	+1.05	− 1.7	K 303
11818	+0.43	+11.3	R Nr. 8607
11941	+1.01	+ 5.3	K 303
12022	−1.31	− 1.2	K 303
12028	+0.72	−14.8	L 1796 July 20
12122	−0.02	+15.7	K 323
12228	−1.35	+ 0.9	K 303
12238	−1.38	+ 0.3	K 303
12275	−0ˢ.82	− 2″.1	B 1861 Aug. 10
12437	−0.20	−10.3	K 326
12483	−0.97	− 9.8	K 309
12553	−0.25	−14.0	L {1793 Aug. 20 / 1796 Sep. 13
12616	+1.14	− 1.9	L 1793 Aug. 21
12664	−1.29	− 2.4	K 309, 323
12786	+1.50	− 0.4	K 309
	+2.12	− 8.7	L 1793 Aug. 21
12835	+1.88	−23.5	L {1793 Aug. 20 / 1796 Sep. 13
12839	+0.01	−13.2	L 1796 Sept. 13
13044	+2.39	− 0.4	B 1857 Nov. 2
13179	+0.22	−13.3	K 326
	+0.21	−19.7	L 1796 Sept. 13
13182	+0.12	−11.5	L 1793 Aug. 21
13271	−1.17	− 2.9	K 323
13336	+1.08	− 1.5	L 1793 Aug. 19
13402	+0.90	− 1.1	B 1858 Oct. 8
13454	+1.34	+ 0.1	L 1793 Aug. 19
13664	+1.29	+ 0.7	K 374
	+1.46	− 4.8	L 1794 Nov. 18
13685	−1.33	−18.3	K 374
	−1.10	−35.7	L 1794 Nov. 18
13764	+1ˢ.27	− 2″.4	B 1858 Dec. 18
13993	−1.03	− 1.9	K 321
13996	+1.37	+ 2.6	K 374
14021	+0.02	−11.0	L 1793 Aug. 21
14030	+1.89	− 1.6	K 385
14046	+0.33	+15.0	R Nr. 11050
14072	−1.16	+ 0.7	K 321
14163	+1.08	− 2.1	K 374
14180	+1.86	+ 2.1	K 374
	+1.47	+ 1.2	L 1794 Nov. 18
14195	+1.02	+10.1	K 385
	+1.78	+14.4	L {1794 Nov. 29 / 1800 Nov. 13
14250	+3.67	+ 2.1	K 385
14313	+1.08	− 1.4	K 374
14332	+1.37	+ 2.2	L 1794 Nov. 18
14340	+0.19	−16.4	L 1800 Nov. 13
14346	+3.38	− 0.3	L 1800 Nov. 13
	+1.09	+ 1.9	R Nr. 11746
14373	+0.09	− 8.7	B 1858 Oct. 10
14380	+1.01	+ 0.5	L 1793 Nov. 13
14413	−1.12	− 7.1	K 321

The following approximate corrections to the Catalogues (for part of which more accurate values are given by Argelander in his lists of corrections to star-catalogues in the several volumes of the Bonner Beobachtungen) have been assumed in making these comparisons:—

31	Weisse	0^h 46	−2′	3777	B.Lal.	13798	+30ˢ	6698	Weisse	13^h1258	+1′	9111	B.Lal.	34666	−13ˢ
165	Weisse	0 370	−20″	3982	B.B.VI	24°1666	+1′	6812	B.B.VI	25°2766	−1′	9453	B.Lal.	35511	+1′
258	Weisse	0 548	−6′	4190	B.B.VI	27 1486	+0ˢ.5	6972	B.Lal.	26956	+1ᵐ	9466	Weisse	18^h1698	−10ˢ
557	Weisse	0 1248	+10′	4329	Weisse	7^h1530	−50′	6994	B.B.VI	29°2585	−3ˢ	9866	B.Lal.	36570	−1′
996	B.B.VI	26° 304	−1′	4401ª	B.B.VI	28°1563	+2′	7111	B.Lal.	27735	−30ˢ	10404	Weisse	19^h1362	−1ᵐ
1159	Weisse	2^h 11	−2′	4441	Weisse	8^h 126	+10ˢ	7125	Weisse	15^h 158	+1ᵐ	10513	Weisse	19 1473	+1ᵐ
1274	Weisse	2 334	+10ˢ	4483	Weisse	8 235	+30″	7179	Weisse	15 325	+1ᵐ	10899	B.Lal.	38617	+10′
1417	B.B.VI	27° 423	−1′	4732	Weisse	8 1147-8	−20″	7250	B.B.VI	27°2510	−1′	10926	B.B.VI	27°3633	+1′
1478	B.Lal.	5265	−1′	4796	B.Lal.	17793	−5′	7324	B.B.VI	25 2964	−1′	10949	B.Lal.	38701	+20′
1627	Weisse	3^h 186	−10″	5063	B.B.VI	30°1896	−20ˢ	7580	B.B.VI	26 2819	−30″	11208	Weisse	20^h 627	−50ˢ
1774	B.Lal.	6689	+10ˢ	5253	Weisse	10^h 86	+10ˢ	7581	B.B.VI	26 2820	−30″	11478	B.Lal.	39686	−5′
1881	Weisse	3^h 968	−1ᵐ	5316	Weisse	10 263	−1′	7658	B.Lal.	30028	−1ᵐ	11852	Weisse	20^h1482	+10ˢ
1980	Weisse	3 1214	−10ˢ	5348	Weisse	10 354	−10ˢ	7685	B.Lal.	30139	−1ᵐ	12750	Weisse	21 804	+10ˢ
2006	B.B.VI	24° 628	+30″	5517	Weisse	10 880	−1ᵐ	7769	Weisse	16^h1115	+1°	12883	Weisse	21 988	−1′
2390	Weisse	5^h 207	−1′	5528	Weisse	10 889	−20″	7853	Weisse	16 1388	+5ˢ	13069	B.B.VI	29 4553	+1′
2489	B.Lal.	10312	−10′	5565	Rümk.	3413	+1°	7969	B.Lal.	31085	−1ᵐ	13138	B.Lal.	43047	−1ᵐ
2543	Weisse	5^h 810	+3ˢ	5623	Weisse	10^h1157	−30″	8003	B.Lal.	31155	+6′	13449	Weisse	22^h 428	+30ˢ
2710	B.Lal.	10917	+30ˢ	5680	Weisse	11 149	−1ᵐ	8354	B.B.VI	27°2863	−1′	13628	Rümk.	10495	+30″
2760	Weisse	5^h1461	−20″	5825	B.B.VI	29°2191	+4ˢ	8375	B.B.VI	27 2871	−1′	13767	Weisse	22^h1083	−1′
2768	Weisse	5 1469	+10ˢ	6081	B.Lal.	23132	+30ˢ	8402	B.Lal.	32462	−10′	13821	Weisse	22 1184	+1ᵐ
2791	Weisse	5 1523	+30ˢ	6123	B.B.VI	27°2136	+2′	8716	B.Lal.	33542	−1ᵐ	13967	Weisse	23 96	+3′
2873	Weisse	5 1771	−1ᵐ	6173	B.Lal.	23554	−1ᵐ	8874	Weisse	18^h 532	−1′	13973	Weisse	23 111	−1′
2901	Weisse	5 1823	−1ᵐ	6232	Weisse	12^h 799	−1′	8891	B.B.VI	27°3018	+10ˢ	14118	Weisse	23 461	−1′
3318	B.Lal.	12532	−1ᵐ	6244	Weisse	12 838	−1ᵐ	8928	B.B.VI	27 3027	+10ˢ	14373	B.B.VI	25°5047	−2′
3653	B.B.VI	29°1423	+10ˢ	6379	Weisse	13 44	−20ˢ	9090	Weisse	18^h 979	−20″				

Cambridge Observatory, 9th January, 1897. **A. Graham.**

CATALOGUE.

An asterisk is appended in col. B.D. to the numbers of those stars, which are noted in B.D. fainter than $9^{m}.0$ without being marked by any letter referring to a meridian observation.

Italic printing, in the same column, distinguishes stars accidentally observed outside of the limits of declination assigned to the Cambridge zone, most of them between $24°40'$ and $50'$, and $30°10'$ and $20'$, for Ep. 1855.

For those stars which were observed in more than six zones, the numbers of the separate zones are given in the register following the Catalogue, pp. 291 — 298.

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1	9.1	$0^h\ 0^m\ 4^s.07$	+3ˢ.0724	+0ˢ.0167	+26° 23′ 39″.3	+20″.054	−0″.009	84.6	877 881 1538	26° 4746*
2	9.2	0 4.16	3.0724	0.0172	27 12 0.5	20.054	0.009	87.9	1230 1238 1534 1537	27 4675*
3	7.5	0 7.85	3.0725	0.0180	28 19 53.0	20.054	0.009	77.9	53 617 705 719	28 4704
4	7.3	0 10.27	3.0727	0.0177	27 51 28.0	20.054	0.009	81.9	154 1232 1233	27 4676
5	8.9	0 14.89	3.0730	0.0179	28 8 4.1	20.054	0.009	83.9	713 716 1644	28 4705
6	8.5	0 0 18.13	+3.0732	+0.0189	+29 40 43.3	+20.054	−0.010	74.4	156 262	29 5063
7	9.0	0 22.94	3.0734	0.0180	28 15 19.3	20.054	0.010	79.9	715 716	28 4706
8	9.0	0 23.02	3.0734	0.0181	28 25 38.1	20.054	0.010	83.0	6 obs.[1]	28 4707
9	9.5	0 25.29	3.0734	0.0161	25 26 10.1	20.054	0.010	87.8	618 2021	25 5071
10	9.5	0 29.97	3.0736	0.0159	25 9 27.5	20.054	0.010	88.8	798 2023	25 5072
11	8.7	0 0 37.28	+3.0743	+0.0185	+28 56 13.8	+20.054	−0.010	84.9	1137 1138	28 4708
12	7.2	0 55.79	3.0749	0.0164	25 45 30.3	20.054	0.011	79.9	710 713	25 5073
13	8.8	0 59.17	3.0753	0.0179	28 0 53.0	20.054	0.011	83.8	1033 1036 1037	27 4680
14	9.4	1 29.92	3.0764	0.0161	25 16 1.6	20.054	0.011	81.9	881	25 1*
15	7.6	1 34.65	3.0774	0.0187	29 8 29.2	20.054	0.012	79.4	156 1139	29 2
16	9.5	0 1 38.89	+3.0771	+0.0173	+26 58 1.7	+20.054	−0.012	73.9	157	— —
17	8.8	1 45.28	3.0780	0.0188	29 16 38.0	20.054	0.012	84.5	5 obs.[2]	29 3
18	8.5	1 47.67	3.0780	0.0186	29 2 12.9	20.054	0.012	78.1	53 705 710 713	28 3
19	**2.0**	**1 55.76**	**3.0783**	**0.0183**	**28 24 0.8**	**20.054**	**0.012**		**Fund. Cat.**	**28 4**
20	8.8	2 1.53	3.0789	0.0187	29 8 50.5	20.053	0.012	80.8	798	29 5*
21	9.5	0 2 12.15	+3.0783	+0.0163	+25 23 36.6	+20.053	−0.012	81.9	881	25 4*
22	8.2	2 26.27	3.0799	0.0181	28 6 14.7	20.053	0.013	78.9	5 obs.[3]	27 2
23	9.3	2 27.52	3.0790	0.0162	25 19 10.7	20.053	0.013	90.8	618 2021 2022	25 6
24	7.0	2 33.65	3.0800	0.0177	27 33 6.2	20.053	0.013	81.5	5 obs.[4]	27 3
25	8.8	2 45.17	3.0798	0.0163	25 20 28.7	20.053	0.014	81.1	710 713 798 1034	25 7
26	8.5	0 3 10.14	+3.0813	+0.0167	+25 59 11.2	+20.052	−0.014	79.2	152 716 1033	25 9
27	9.2	3 26.93	3.0836	0.0191	29 32 1.1	20.052	0.015	74.0	5 obs.[5]	29 8
28	9.0	3 43.83	3.0833	0.0175	27 4 9.4	20.052	0.015	89.9	1538	26 4*
29	7.9	3 59.90	3.0847	0.0181	27 57 26.4	20.051	0.016	75.7	5 obs.[6]	27 7
30	9.3	4 6.56	3.0851	0.0183	28 16 28.7	20.051	0.016	81.9	875 877	28 9*
31	9.0	0 4 8.39	+3.0864	+0.0197	+30 17 34.5	+20.051	−0.016	75.5	149 156 624	30 10
32	7.9	4 21.19	3.0869	0.0195	29 59 24.7	20.051	0.017	76.8	141 143 262 1139	29 10
33	9.0	4 30.03	3.0869	0.0190	29 10 34.7	20.050	0.017	78.2	6 obs.[7]	29 12
34	9.3	4 30.10	3.0865	0.0184	28 26 18.2	20.050	0.017	81.9	877 881	28 10*
35	8.6	4 34.45	3.0869	0.0188	28 51 19.3	20.050	0.017	77.4	53 147 525 1138	28 11
36	9.3	0 4 40.08	+3.0854	+0.0166	+25 38 32.4	+20.050	−0.017	73.9	152 161	25 11*
37	8.5	4 52.88	3.0886	0.0194	29 45 9.4	20.050	0.018	75.4	47 162 339 624	29 14
38	9.1	4 55.18	3.0879	0.0186	28 37 45.7	20.050	0.018	83.9	875 884 1422	28 12*
39	9.0	4 55.25	3.0866	0.0172	26 32 41.0	20.050	0.018	75.0	5 obs.[8]	26 5
40	8.9	4 59.64	3.0883	0.0188	28 54 19.7	20.049	0.018	78.8	49 147 1533	28 13
41	9.1	0 5 0.15	+3.0885	+0.0190	+29 7 20.7	+20.049	−0.018	86.9	1332	} 29 15*
42	9.1	5 0.19	3.0885	0.0190	29 7 6.5	20.049	0.018	86.9	1334	
43	8.5	5 12.22	3.0880	0.0179	27 31 44.6	20.049	0.018	87.2	1238 1239 1534	27 11
44	8.0	5 18.45	3.0879	0.0174	26 48 55.4	20.049	0.019	74.1	145 148 251	26 6
45	8.0	5 21.53	3.0878	0.0172	26 29 23.3	20.049	0.019	75.4	157 165 251 618	26 7
46	7.6	0 5 23.51	+3.0887	+0.0180	+27 43 34.7	+20.049	−0.019	81.9	146 1540	27 12
47	8.5	5 34.03	3.0883	0.0172	26 24 21.2	20.048	0.019	76.9	266 623	26 8
48	7.3	5 34.04	3.0884	0.0182	27 54 50.4	20.048	0.019	77.4	154 267 524 949	27 13
49	9.0	5 38.74	3.0905	0.0190	28 57 26.9	20.048	0.019	79.4	155 711 719 1033	28 16
50	9.0	5 39.08	3.0900	0.0185	28 20 16.8	20.048	0.019	77.4	6 obs.[9]	28 15

[1] Z. 711 810 1033 1034 1038 1236
[2] » 810 1034 1036 1038 1537
[3] » 154 514 716 810 877
[4] Z. 154 705 1037 1137 1138
[5] » 47 141 143 149 343
[6] » 146 154 267 514 524
[7] Z. 156 343 705 710 711 713
[8] » 145 148 157 265 618
[9] » 49 155 525 710 713 716

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
51	9.0	$0^h\ 5^m\ 51^s.38$	+3s.0914	+0s.0192	+29° 17' 26".2	+20".048	−0".020	73.8	141 143 149 156	29° 16
52	8.8	5 57.61	3.0914	0.0189	28 53 2.3	20.048	0.020	78.1	53 147 525 1423	28 17
53	9.0	6 4.80	3.0915	0.0186	28 29 21.5	20.047	0.020	81.9	622 624 1425	28 18
54	8.8	6 12.55	3.0912	0.0181	27 42 34.9	20.047	0.020	75.2	146 154 514	27 15
55	8.6	6 18.90	3.0905	0.0172	26 24 51.6	20.047	0.021	74.2	6 obs. [1]	26 10
56	8.8	0 6 31.64	+3.0931	+0.0188	+28 41 50.2	+20.046	−0.021	78.3	5 obs. [2]	28 19
57	9.5	6 34.36	3.0907	0.0168	25 38 33.9	20.046	0.021	73.9	160	— —
58	9.5	6 37.69	3.0917	0.0174	26 40 51.3	20.046	0.021	84.9	1137	26 12*
59	9.3	6 44.39	3.0948	0.0196	29 48 34.6	20.046	0.021	74.5	6 obs. [3]	29 21
60	9.0	6 45.34	3.0912	0.0168	25 38 49.3	20.046	0.022	74.6	152 161 340	25 15
61	8.6	0 6 52.32	+3.0911	+0.0165	+25 7 15.2	+20.045	−0.022	78.4	152 710 713 719	25 16
62	6.6	6 56.17	3.0923	0.0172	26 17 35.8	20.045	0.022	81.1	145 623 1235 1236	26 13
63	9.0	6 58.51	3.0924	0.0172	26 20 56.9	20.045	0.022	75.8	251 265 266 618	26 14
64	9.5	6 59.96	3.0944	0.0187	28 26 37.0	20.045	0.022	81.9	875 877	28 20*
65	9.4	7 13.53	3.0952	0.0188	28 35 56.0	20.044	0.022	85.3	881 884 1645	28 21*
66	9.5	0 7 15.12	+3.0967	+0.0198	+29 56 16.0	+20.044	−0.022	73.9	156	— —
67	9.0	7 21.94	3.0921	0.0163	24 51 23.9	20.044	0.023	85.9	1230 1231 1233	*24 16*
68	9.5	7 29.56	3.0954	0.0184	27 55 24.4	20.044	0.023	73.8	154	27 20*
69	9.0	7 30.16	3.0973	0.0196	29 43 17.9	20.044	0.023	75.0	8 obs.	29 25
70	8.4	7 34.62	3.0929	0.0165	24 59 11.6	20.043	0.023	80.9	6 obs. [4]	24 17
71	9.5	0 7 34.75	+3.0961	+0.0187	+28 22 10.4	+20.043	−0.023	81.9	877 881	28 22*
72	9.2	7 36.81	3.0946	0.0175	26 39 24.8	20.043	0.023	86.9	1326 1330	26 16*
73	7.4	7 40.49	3.0936	0.0168	25 33 52.1	20.043	0.023	80.9	160 623 1534	25 18
74	9.3	7 47.06	3.0959	0.0181	27 32 40.9	20.043	0.024	87.4	1332 1423	27 21*
75	8.9	7 51.66	3.0942	0.0168	25 34 41.4	20.042	0.024	76.4	161 618	25 19
76	9.0	0 8 16.40	+3.0996	+0.0196	+29 34 59.9	+20.041	−0.025	74.4	5 obs. [5]	29 27
77	9.1	8 17.41	3.0967	0.0177	26 51 25.1	20.041	0.025	89.9	1540	26 19*
78	9.0	8 36.35	3.0977	0.0178	26 54 12.6	20.040	0.025	76.6	5 obs. [6]	26 21*
79	6.6	8 41.87	3.0976	0.0176	26 35 19.2	20.040	0.025	74.4	165 (2) 251 266	26 23
80	8.5	8 43.16	3.0981	0.0178	26 54 52.5	20.040	0.025	74.6	5 obs. [7]	26 22
81	9.0	0 8 44.69	+3.1006	+0.0193	+29 4 42.0	+20.040	−0.026	76.9	6 obs. [8]	28 23
82	9.5	8 50.80	3.1001	0.0187	28 17 38.5	20.039	0.026	81.9	884	28 24*
83	8.7	8 51.07	3.1018	0.0199	29 50 10.7	20.039	0.026	87.3	1235 1236 1538	29 28
84	8.0	8 52.20	3.0997	0.0184	27 53 41.4	20.039	0.026	74.8	142 146 154 524	27 25
85	9.4	8 55.93	3.1000	0.0185	28 2 46.6	20.039	0.026	84.9	1138	27 26*
86	9.3	0 8 58.78	+3.1002	+0.0185	+28 3 31.1	+20.039	−0.026	82.9	949	— —
87	9.5	9 1.19	3.1013	0.0191	28 53 15.2	20.039	0.026	81.9	883	28 25*
88	9.2	9 16.22	3.0983	0.0170	25 41 45.4	20.038	0.026	85.0	1146 1147	25 22*
89	9.5	9 18.36	3.1020	0.0191	28 46 18.9	20.038	0.027	81.9	877 879	28 26*
90	9.3	9 19.30	3.1024	0.0193	29 6 5.5	20.038	0.027	85.9	1230 1231 1233	28 27*
91	9.0	0 9 25.57	+3.1039	+0.0200	+29 53 24.4	+20.037	−0.027	74.9	5 obs. [9]	29 29
92	9.3	9 28.32	3.1018	0.0186	28 3 11.5	20.037	0.027	76.9	6 obs. [10]	27 28
93	9.2	9 32.88	3.0984	0.0166	25 8 56.7	20.037	0.027	87.3	1332 1334 1429	25 23*
94	9.0	9 38.18	3.1020	0.0185	27 55 28.0	20.037	0.027	73.8	146	27 29*
95	8.7	9 40.21	3.1046	0.0200	29 50 9.4	20.036	0.027	73.8	143 149 162	29 31
96	9.0	0 9 41.52	+3.0995	+0.0171	+25 43 32.5	+20.036	−0.027	75.7	5 obs. [11]	25 24
97	9.1	9 47.71	3.1017	0.0180	27 13 12.0	20.036	0.028	86.7	1238 1239 1337 1433	27 30*
98	9.0	9 51.40	3.1051	0.0199	29 46 12.8	20.036	0.028	74.2	47 141 339	29 32
99	9.2	9 51.96	3.1026	0.0185	27 50 14.9	20.036	0.028	87.2	1326 1330 1432	27 31*
100	9.0	9 52.56	3.1044	0.0194	29 9 15.5	20.036	0.028	79.3	5 obs. [12]	29 33

[1] Z. 144 148 157 165 265 266
[2] » 49 525 622 624 949
[3] » 47 143 162 262 339 343
[4] » 152 161 340 1238 1239 1533
[5] Z. 141 143 162 262 339
[6] » 144 145 148 157 1425
[7] » 144 145 148 157 530
[8] » 48 53 155 525 875 882
[9] Z. 47 149 156 343 513
[10] » 154 267 514 523 524 622
[11] » 152 160 161 519 628
[12] » 156 262 513 1140 1145

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
101	8.9	$0^h\ 9^m\ 52^s.97$	+3ˢ.0997	+0ˢ.0169	+25° 24′ 50″.8	+20″.036	−0″.028	76.1	152 160 519 623	25° 25
102	8.5	10 2.62	3.1041	0.0190	28 35 54.6	20.035	0.028	79.9	6 obs. [1]	28 29
103	9.4	10 3.65	3.1042	0.0190	28 36 18.7	20.035	0.028	81.9	882 884	28 30*
104	9.5	10 5.08	3.1044	0.0190	28 38 42.2	20.035	0.028	84.9	883 1431	28 31*
105	9.4	10 9.47	3.1045	0.0190	28 33 8.4	20.035	0.028	82.2	875 881 949	28 32*
106	9.5	0 10 16.98	+3.1026	+0.0178	+26 51 23.1	+20.034	−0.028	74.6	5 obs. [2]	26 26
107	9.2	10 25.43	3.1054	0.0191	28 40 47.0	20.034	0.029	76.4	6 obs. [3]	28 35
108	9.0	10 25.67	3.1064	0.0196	29 19 48.3	20.034	0.029	75.4	149 156 260 624	29 35
109	8.9	10 33.52	3.1044	0.0184	27 37 9.2	20.033	0.029	85.2	716 1423 1425	27 33*
110	9.3	10 45.60	3.1052	0.0184	27 37 54.1	20.032	0.030	84.9	716 1533	— —
111	9.1	0 10 46.73	+3.1039	+0.0179	+26 46 7.0	+20.032	−0.030	83.7	265 1235 1236 1428	26 27*
112	9.3	11 1.97	3.1020	0.0166	24 49 58.6	20.031	0.030	85.9	1137 1138 1422	24 25*
113	8.5	11 13.40	3.1091	0.0197	29 26 58.6	20.030	0.030	77.1	5 obs. [4]	29 37
114	9.2	11 14.99	3.1039	0.0173	25 51 12.9	20.030	0.030	79.0	628	— —
115	9.0	11 15.47	3.1040	0.0173	25 52 28.6	20.030	0.030	75.2	152 160 161 628	25 27
116	9.2	0 11 31.81	+3.1061	+0.0179	+26 43 33.0	+20.029	−0.031	74.9	265	26 31*
117	9.4	11 36.71	3.1075	0.0184	27 28 41.9	20.028	0.031	78.1	142 146 154 1610	— —
118	9.0	11 45.21	3.1117	0.0201	29 55 5.4	20.028	0.032	74.6	141 162 260 343	29 38
119	9.1	11 48.29	3.1082	0.0185	27 36 38.1	20.028	0.032	79.9	716	27 35*
120	8.6	11 48.87	3.1125	0.0204	30 16 2.9	20.028	0.032	75.9	162 513	30 34
121	8.0	0 11 49.93	+3.1115	+0.0200	+29 42 10.5	+20.028	−0.032	75.5	143 149 624	29 39
122	7.0[5]	12 1.30	3.1056	0.0171	25 26 48.0	20.027	0.032	79.9	5 obs. [6]	25 29
123	8.5	12 12.08	3.1135	0.0203	30 7 33.0	20.026	0.032	75.6	156 258 339 513	30 36
124	9.1[7]	12 13.10	3.1056	0.0168	25 3 20.1	20.026	0.032	81.5	8 obs.	24 29
125	9.5	12 14.32	3.1057	0.0169	25 7 58.6	20.026	0.032	88.0	1433	25 30*
126	9.5	0 12 22.38	+3.1069	+0.0172	+25 38 55.4	+20.025	−0.033	86.5	1146 1431	25 31*
127	9.5	12 33.90	3.1133	0.0197	29 15 34.1	20.024	0.033	74.5	141 143 343	29 40
128	9.5	12 38.82	3.1131	0.0196	28 59 47.2	20.024	0.033	79.6	7 obs.	28 37*
129	9.5	12 42.98	3.1128	0.0193	28 39 37.0	20.023	0.033	85.9	881 1538	28 38*
130	9.2	12 48.92	3.1076	0.0171	25 19 49.0	20.023	0.034	85.9	1231 1233 1235 1236	25 33*
131	7.4	0 12 52.24	+3.1084	+0.0173	+25 45 36.4	+20.023	−0.034	75.6	160 161 628	25 34
132	9.5	12 58.69	3.1136	0.0194	28 41 17.6	20.022	0.034	81.9	878	— —
133	9.5	13 11.19	3.1111	0.0181	26 48 14.0	20.021	0.034	80.0	6 obs. [8]	26 32*
134	9.2	13 11.90	3.1161	0.0201	29 41 15.0	20.021	0.034	75.5	149 156 624	29 42
135	9.3	13 16.06	3.1127	0.0186	27 35 5.2	20.021	0.034	84.3	5 obs. [9]	27 37*
136	9.3	0 13 18.65	+3.1174	+0.0204	+30 9 48.3	+20.020	−0.035	87.2	1326 1330 1425	30 39*
137	9.5	13 21.64	3.1140	0.0191	28 14 50.1	20.020	0.035	81.9	877 879 882 883	28 39*
138[10]	9.5	13 29.45	3.1148	0.0192	28 24 23.1	20.019	0.035	81.9	875 884	28 40*
139	9.2	13 30.56	3.1129	0.0185	27 18 13.9	20.019	0.035	79.9	710 711	— —
140	9.0	13 39.98	3.1175	0.0201	29 35 12.8	20.019	0.035	75.3	5 obs. [11]	29 43
141	9.0	0 13 43.22	+3.1172	+0.0199	+29 19 10.1	+20.018	−0.035	88.0	1431	— —
142	6.5	13 52.82	3.1194	0.0206	30 14 28.4	20.017	0.036	74.7	5 obs. [12]	30 42
143	9.1	13 53.32	3.1143	0.0186	27 27 34.7	20.017	0.036	79.9	9 obs.	27 38
144	9.5	13 56.41	3.1171	0.0196	28 54 55.3	20.017	0.036	72.9	48	— —
145	7.9	13 59.37	3.1199	0.0206	30 16 44.0	20.017	0.036	90.3	143 1974 1975 1983	30 43
146	8.0	0 14 14.78	+3.1125	+0.0175	+25 49 7.0	+20.016	−0.036	76.0	7 obs.	25 37
147	9.3	14 20.38	3.1157	0.0187	27 29 50.5	20.015	0.037	81.5	142 949 1423	27 41*
148	8.9	14 24.92	3.1195	0.0199	29 21 18.1	20.015	0.037	78.2	6 obs. [13]	29 46
149	9.0	14 25.12	3.1188	0.0197	28 59 27.9	20.015	0.037	75.7	5 obs. [14]	28 41
150	9.2	14 29.54	3.1191	0.0197	29 0 46.0	20.014	0.037	79.2	6 obs. [15]	28 42*

[1] Z. 48 53 155 525 1534 1645
[2] » 144 145 148 157 530
[3] » 48 147 155 525 526 878
[4] » 47 143 262 339 1429
[5] Close double; north following
[6] Z. 160 161 519 1332 1334
[7] Double; south following
[8] Z. 148(2) 265 1137 1138 1428
[9] » 715 716 1238 1422 1429
[10] South preceding
[11] Z. 258 260 262 339 343
[12] » 47 149 156 162 624
[13] » 141 258 262 339 513 1647
[14] » 147 155 159 525 629
[15] » 147 155 159 877 878 1537

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
151	8.9	$0^h\ 14^m\ 37^s.76$	+3ˢ.1143	+0ˢ.0179	+26° 17′ 28″.9	+20″.014	−0″.037	81.1	9 obs.	26° 37
152	9.3	14 40.47	3.1216	0.0205	30 2 0.1	20.013	0.037	82.4	884 949	29 47*
153	8.8	14 40.40	3.1182	0.0192	28 12 37.2	20.013	0.037	87.5	629 1986	28 43
154	9.3	14 43.40	3.1156	0.0182	26 48 15.1	20.013	0.037	77.8	148 251 265 1428	26 38
155	9.0	14 45.46	3.1120	0.0169	24 49 48.6	20.013	0.038	84.9	1140 1143 1145	*24 32*
156	8.8	o 14 47.30	+3.1124	+0.0170	+24 59 23.1	+20.012	−0.038	75.4	152 161 340 519	24 33
157	8.4	14 50.30	3.1164	0.0184	27 2 23.8	20.012	0.038	77.2	145 618 623	26 39
158	8.1	14 54.78	3.1177	0.0188	27 37 53.0	20.012	0.038	78.5	5 obs.[1]	27 43
159	9.4	14 55.36	3.1175	0.0187	27 28 50.4	20.012	0.038	75.5	154 267 514	27 42
160	8.1	15 1.15	3.1154	0.0179	26 16 6.2	20.011	0.038	80.7	5 obs.[2]	26 40
161	9.0	o 15 7.72	+3.1179	+0.0187	+27 23 24.1	+20.011	−0.038	76.4	154 267 524 619	27 44
162	9.5	15 10.12	3.1197	0.0192	28 12 34.6	20.010	0.038	72.9	48	28 45*
163	9.5	15 10.76	3.1235	0.0206	30 5 56.7	20.010	0.038	83.4	879 1138	29 49*
164	8.2	15 15.53	3.1181	0.0186	27 17 24.5	20.010	0.038	80.1	9 obs.	27 45
165	8.6	15 21.01	3.1189	0.0188	27 34 6.2	20.009	0.039	78.7	5 obs.[3]	27 46
166	9.5	o 15 21.32	+3.1237	+0.0204	+29 52 45.8	+20.009	−0.039	74.6	143 156 262 343	29 51
167	9.5	15 22.60	3.1180	0.0184	27 1 48.6	20.009	0.039	75.8	145 251 625	26 41
168	8.3	15 28.64	3.1172	0.0181	26 29 29.6	20.008	0.039	80.1	10 obs.	26 42
169	8.7	15 52.03	3.1179	0.0180	26 18 7.4	20.006	0.040	78.9	623 625	26 43
170	9.1	15 53.72	3.1235	0.0200	29 7 11.7	20.006	0.040	75.1	5 obs.[4]	29 53
171	9.3	o 16 5.98	+3.1159	+0.0170	+24 55 24.9	+20.005	−0.040	84.6	618 1235 1238 1422	*24 39*
172	8.6	16 15.39	3.1209	0.0185	27 10 16.9	20.004	0.040	76.5	8 obs.	27 47
173	7.3	16 17.13	3.1243	0.0197	28 45 39.2	20.004	0.041	76.4	6 obs.[5]	28 49
174	9.5	16 18.18	3.1274	0.0207	30 7 51.1	20.004	0.041	81.9	877 879 883	30 47*
175	9.1	16 26.07	3.1170	0.0171	25 1 59.5	20.003	0.041	86.9	1332 1334 1337	24 41*
176	9.0	o 16 31.75	+3.1170	+0.0171	+24 57 52.2	+20.002	−0.041	76.4	8 obs.	24 42
177	9.0	16 34.29	3.1246	0.0196	28 30 29.9	20.002	0.041	76.1	155 159 525 624	28 51
178	9.5	16 47.48	3.1220	0.0184	26 54 44.6	20.000	0.042	73.8	148	26 45*
179	9.1	16 53.29	3.1211	0.0181	26 24 59.2	20.000	0.042	79.1	5 obs.[6]	26 47
180	9.0	17 4.19	3.1244	0.0189	27 39 31.2	19.999	0.042	75.2	51 142 619	27 48
181	9.0	o 17 8.41	+3.1275	+0.0199	+28 57 27.7	+19.998	−0.042	78.4	48 147 624 1428	28 53
182	9.0	17 10.88	3.1271	0.0197	28 42 29.8	19.998	0.042	79.5	5 obs.[7]	28 54
183	9.5	17 15.63	3.1292	0.0203	29 29 29.0	19.997	0.042	84.9	1136 1137 1138 1143	29 57*
184	9.3	17 16.27	3.1221	0.0180	26 19 26.0	19.997	0.043	79.9	157 165 1645	26 48*
185	8.8	17 18.67	3.1277	0.0198	28 48 8.8	19.997	0.043	81.4	6 obs.[8]	28 55
186	8.7	o 17 20.38	+3.1279	+0.0198	+28 48 33.3	+19.997	−0.043	79.7	6 obs.[9]	28 56
187	9.0	17 28.74	3.1282	0.0198	28 46 47.6	19.996	0.043	79.1	6 obs.[10]	28 58
188	8.4	17 51.08	3.1224	0.0177	25 42 10.5	19.993	0.044	76.0	9 obs.	25 46
189	9.0	17 51.21	3.1240	0.0182	26 26 41.3	19.993	0.044	73.9	157	26 50*
190	9.0	18 0.70	3.1327	0.0208	29 56 54.1	19.992	0.044	75.1	141 143 513	— —
191	9.1	o 18 2.20	+3.1251	+0.0184	+26 43 10.7	+19.992	−0.044	86.5	1231 1233 1423	26 52*
192	9.4	18 2.30	3.1297	0.0198	28 40 46.9	19.992	0.044	78.7	6 obs.[11]	28 59
193	9.0	18 9.15	3.1333	0.0208	29 59 35.7	19.991	0.044	76.2	5 obs.[12]	29 60
194	9.3	18 15.66	3.1290	0.0194	28 5 43.5	19.991	0.044	85.4	811 1332 1333 1337	27 50*
195	9.5	18 16.39	3.1274	0.0189	27 22 39.8	19.991	0.044	73.8	146	27 49*
196	8.4	o 18 31.82	+3.1325	+0.0201	+29 9 20.4	+19.989	−0.045	74.5	6 obs.[13]	29 62
197	8.6	18 38.36	3.1285	0.0189	27 23 4.1	19.988	0.045	75.2	51 146 154 514 523	27 52
198	9.0	18 39.68	3.1334	0.0203	29 19 2.5	19.988	0.045	78.3	149 343 1147	29 63
199	8.5	18 44.70	3.1338	0.0204	29 24 5.6	19.987	0.045	81.0	6 obs.[14]	29 64
200	9.3	18 51.89	3.1362	0.0209	30 11 41.1	19.986	0.046	81.9	5 obs.[15]	30 56*

[1] Z. 51 146 523 715 1429
[2] » 157 165 530 1433 1533
[3] » 142 710 713 716 720
[4] » 149 258 260 339 343
[5] » 48 147 159 525 629 809
[6] Z. 145 165 530 623 1610
[7] » 155 525 619 629 1429
[8] » 705 710 711 720 810 1432
[9] » 526 705 710 711 718 810
[10] » 159 713 715 716 719 809
[11] Z. 48 713 715 716 718 720
[12] » 143 149 156 513 879
[13] » 47 156 258 260 262 339
[14] » 143 258 514 1235 1236 1425
[15] » 877 878 882 883 884

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
201	9.0	$0^h\ 19^m\ 4^s.77$	+3ˢ.1349	+0ˢ.0204	+29° 22′ 21″.1	+19″.985	−0″.046	74.2	141 156 260	29° 66
202	9.0	19 5.81	3.1298	0.0189	27 19 1.2	19.985	0.046	75.1	142 154 267 524	27 53
203	8.7	19 8.77	3.1348	0.0203	29 16 17.1	19.984	0.046	79.9	343 510 513 1422	29 67
204	9.1	19 9.71	3.1332	0.0198	28 37 5.4	19.984	0.046	82.2	155 1140 1143 1145	28 61*
205	9.0	19 16.35	3.1300	0.0189	27 13 22.4	19.983	0.046	78.1	51 142 523 1428	27 54
206	9.5	0 19 18.64	+3.1253	+0.0175	+25 15 1.8	+19.983	−0.047	85.9	1137 1138 1431	25 51*
207	8.1	19 29.69	3.1332	0.0196	28 14 53.9	19.982	0.047	73.4	48 52 147 159	28 63
208	9.5	19 36.38	3.1368	0.0204	29 27 17.0	19.981	0.047	89.9	1532 1537 1540	29 68*
209	9.1	19 38.30	3.1325	0.0193	27 45 47.5	19.981	0.047	83.4	154 1238 1326 1330	27 55*
210	8.9	19 41.55	3.1262	0.0175	25 10 47.1	19.980	0.047	76.4	8 obs.	25 52
211	9.0	0 19 51.17	+3.1367	+0.0203	+29 8 32.3	+19.979	−0.048	81.2	6 obs.[1]	29 69
212	9.2	19 58.62	3.1360	0.0200	28 41 51.9	19.978	0.048	87.4	1332 1333 1423 1429	28 65*
213	9.3	20 4.54	3.1385	0.0205	29 30 41.8	19.977	0.048	83.9	883 884 1433	29 71*
214	8.9	20 9.16	3.1303	0.0183	26 19 47.5	19.977	0.048	74.9	5 obs.[2]	26 56
215	8.9	20 9.73	3.1342	0.0194	27 47 23.4	19.977	0.048	76.5	146 514 523	27 57
216	9.2	0 20 10.75	+3.1391	+0.0206	+29 38 5.1	+19.977	−0.048	81.9	879	29 72*
217	9.5	20 13.10	3.1433	0.0208	29 53 13.7	19.976	0.048	81.9	878 882	29 73*
218	9.4	20 16.28	3.1432	0.0208	29 47 6.0	19.976	0.049	81.9	877	29 74*
219	8.1	20 16.61	3.1311	0.0185	26 29 49.3	19.976	0.049	74.6	157 164 251 342	26 57
220	9.0	20 17.11	3.1333	0.0190	27 17 45.7	19.976	0.049	79.3	5 obs.[3]	27 58
221	8.8	0 20 23.53	+3.1416	+0.0211	+30 16 15.8	+19.975	−0.049	74.8	47 141 258 513	30 58
222	9.3	20 24.15	3.1376	0.0200	28 46 24.4	19.975	0.049	88.4	1337 1536	28 67*
223	8.9	20 30.52	3.1368	0.0198	28 22 12.2	19.974	0.049	74.9	6 obs.[4]	28 68
224	8.7	20 33.56	3.1330	0.0187	26 55 53.4	19.974	0.049	74.8	145 148(2) 251 530	26 59
225	7.2	20 40.37	3.1282	0.0174	24 53 12.6	19.973	0.049	92.9	1756 1758	*24 53*
226	8.9	0 20 41.99′	+3.1419	+0.0210	+29 59 40.9	+19.972	−0.049	78.6	7 obs.	29 75
227	9.4	20 44.99	3.1285	0.0175	24 57 0.3	19.972	0.050	81.6	519 625 1428	24 54*
228	9.0	20 46.85	3.1343	0.0189	27 8 53.7	19.972	0.050	82.9	711 1239	27 61
229	9.3	20 48.33	3.1320	0.0183	26 14 32.1	19.972	0.050	82.4	265 1538	26 60*
230	8.5	20 49.06	3.1429	0.0211	30 12 5.0	19.972	0.050	75.1	143 156 260 510	30 60
231	7.6	0 20 53.26	+3.1305	+0.0179	+25 35 20.7	+19.971	−0.050	75.6	152 161 340 623	25 55
232	9.1	20 53.94	3.1409	0.0206	29 24 33.3	19.971	0.050	87.9	1422 1425	29 76*
233	9.1	20 54.52	3.1372	0.0196	28 5 16.3	19.971	0.050	79.8	11 obs.	27 62
234	9.4	20 58.18	3.1292	0.0175	24 58 23.1	19.970	0.050	77.2	161 618 628	24 55
235	9.3	20 58.49	3.1311	0.0179	25 43 16.2	19.970	0.050	87.9	1430 1431	25 56*
236	9.0	0 20 58.59	+3.1349	+0.0189	+27 9 18.8	+19.970	−0.050	82.9	711 1238	27 63*
237	9.2	20 58.94	3.1314	0.0180	25 50 3.9	19.970	0.050	88.0	1434	25 57*
238	8.0	21 14.84	3.1366	0.0191	27 28 55.5	19.968	0.050	77.9	146 619 811	27 64
239	9.4	21 19.79	3.1400	0.0200	28 36 6.2	19.967	0.051	75.9	155 159 518 525	28 69
240	9.2	21 22.32	3.1294	0.0173	24 39 41.8	19.967	0.051	87.9	1423	*24 59**
241	9.1	0 21 28.15	+3.1344	+0.0184	+26 24 19.0	+19.966	−0.051	84.9	1136 1137 1138 1140	26 61*
242	9.2	21 29.12	3.1439	0.0209	29 47 50.8	19.966	0.051	86.9	1332	29 78*
243	9.0	21 29.26	3.1430	0.0207	29 28 17.8	19.966	0.051	75.2	5 obs.[5]	29 77
244	9.1	21 34.09	3.1367	0.0190	27 9 4.3	19.965	0.051	78.1	9 obs.	27 65
245	9.4	21 40.18	3.1369	0.0190	27 7 16.9	19.965	0.051	81.4	715 949	27 67*
246	8.0	0 21 43.35	+3.1378	+0.0192	+27 22 6.8	+19.964	−0.052	77.2	142 524 711	27 68
247	9.1	21 47.06	3.1448	0.0209	29 45 43.0	19.964	0.052	86.9	1326 1330	29 81*
248	9.3	21 47.47	3.1315	0.0175	25 1 26.4	19.964	0.052	87.9	1231 1234 1532 1533	24 60*
249	9.0	21 54.08	3.1340	0.0181	25 49 24.5	19.963	0.052	75.4	152 161 340 519	25 58
250	9.3	22 1.64	3.1365	0.0186	26 35 37.6	19.962	0.052	74.8	251	26 62*

[1] Z. 47 149 949 1231 1233 1234
[2] » 145 157 165 265 530
[3] Z. 142 267 524 619 1610
[4] » 48 52 147 159 518 525
[5] Z. 143 156 260 339 510

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
251	9.3	$0^h\ 22^m\ 3^s.85$	+3ˢ.1325	+0ˢ.0176	+25° 6′ 18″.7	+19″.961	—0″.052	88.0	1432 1433	24° 62*
252	9.5	22 16.97	3.1360	0.0183	26 9 47.5	19.960	0.053	73.9	165	26 63*
253	9.5	22 18.86	3.1451	0.0206	29 15 39.3	19.959	0.054	81.9	5 obs. [1]	29 83*
254	9.4	22 28.77	3.1336	0.0176	25 5 59.7	19.958	0.053	86.9	1146 1496	24 63*
255	9.2	22 29.88	3.1325	0.0173	24 41 3.9	19.958	0.053	88.4	1137 1540	*24* *64**
256	8.9	0 22 36.60	+3.1448	+0.0203	+28 51 19.3	+19.957	—0.054	76.3	5 obs. [2]	28 71
257	9.4	22 45.59	3.1479	0.0210	29 44 37.9	19.955	0.054	84.6	884 1235 1236	29 84*
258	7.6	22 46.00	3.1432	0.0198	28 8 8.0	19.955	0.055	76.7	5 obs. [3]	28 72
259	8.7	22 46.91	3.1490	0.0212	30 2 33.6	19.955	0.055	76.7	6 obs. [4]	29 85
260	8.4	22 47.78	3.1375	0.0184	26 10 49.6	19.955	0.054	74.8	11 obs.	26 65
261	9.3	0 22 50.51	+3.1488	+0.0211	+29 54 25.2	+19.955	—0.055	76.0	343	29 86
262	9.0	22 50.63	3.1488	0.0211	29 54 30.8	19.955	0.055	77.2	156 339 343 949	
263	8.0	22 51.25	3.1366	0.0182	25 48 15.2	19.955	0.054	76.0	7 obs.	25 61
264	8.5	23 6.77	3.1483	0.0208	29 28 13.0	19.952	0.055	74.4	5 obs. [5]	29 88
265	9.2	23 7.27	3.1499	0.0212	29 57 10.4	19.952	0.055	84.4	880 886 1238 1422	29 87*
266	9.5	0 23 29.73	+3.1467	+0.0201	+28 33 51.8	+19.949	—0.056	73.5	48 155 159	28 74
267	6.0	23 31.92	3.1484	0.0205	29 3 43.3	19.949	0.056	78.1	52 147 518 1428	28 75
268	9.5	23 36.30	3.1404	0.0186	26 23 32.3	19.948	0.055	84.9	1136 1143 1145	26 67*
269	8.2	23 52.87	3.1442	0.0194	27 22 55.2	19.946	0.056	77.1	10 obs.	27 71
270	9.0	23 59.15	3.1513	0.0209	29 29 16.4	19.945	0.057	78.4	149 156 510 1434	29 90
271	8.9	0 24 5.12	+3.1497	+0.0204	+28 54 48.8	+19.944	—0.057	77.4	6 obs. [6]	28 78
272	8.7	24 9.97	3.1514	0.0208	29 21 18.0	19.943	0.057	75.3	7 obs.	29 92
273	9.0	24 14.29	3.1455	0.0194	27 25 13.3	19.942	0.056	78.9	51 267 716 1433	27 72
274	8.4	24 18.09	3.1502	0.0204	28 50 14.2	19.942	0.058	80.9	52 884 1429	28 80
275	9.0	24 23.46	3.1482	0.0199	28 4 19.9	19.941	0.058	77.1	142 153 154 1337	27 73
276	9.3	0 24 38.66	+3.1477	+0.0196	+27 43 55.4	+19.938	—0.058	81.2	267 523 1146 1333	27 74
277	9.0	24 44.44	3.1419	0.0183	25 47 13.8	19.938	0.057	76.8	7 obs.	25 65
278	9.4	24 52.49	3.1461	0.0191	27 1 43.8	19.936	0.058	81.6	6 obs. [7]	26 70*
279	9.5	24 55.11	3.1476	0.0194	27 26 55.3	19.936	0.058	79.2	7 obs.	27 75
280	9.4	24 57.61	3.1488	0.0197	27 45 54.6	19.935	0.059	86.9	1332	27 76*
281	9.2	0 25 5.43	+3.1479	+0.0194	+27 21 5.7	+19.934	—0.058	77.9	524 (2)	27 77*
282	9.1	25 12.70	3.1455	0.0188	26 31 43.8	19.933	0.058	85.9	887 1534	— —
283	9.1	25 13.71	3.1454	0.0187	26 27 47.2	19.933	0.058	83.0	950	26 71*
284	9.4	25 15.98	3.1504	0.0199	28 0 15.4	19.932	0.059	83.9	154 1238 1430 1431	27 79
285	9.0	25 18.50	3.1409	0.0178	25 0 51.2	19.932	0.059	86.6	1235 1236 1432	24 71
286	8.7	0 25 21.13	+3.1569	+0.0212	+29 49 52.3	+19.932	—0.060	75.3	7 obs.	29 94
287	8.6	25 21.27	3.1502	0.0197	27 49 10.4	19.932	0.060	80.2	710 711 714 811	27 80
288	8.4	25 22.22	3.1502	0.0197	27 49 51.2	19.931	0.060	79.9	705 710 714	
289	8.5	25 25.12	3.1475	0.0191	26 58 18.1	19.931	0.059	77.3	7 obs.	26 72
290	9.5	25 32.66	3.1543	0.0206	28 53 21.1	19.930	0.060	81.9	877 878 879 882	28 83*
291	9.5	0 25 32.83	+3.1542	+0.0205	+28 49 53.2	+19.930	—0.060	81.9	883	28 84
292	8.9	25 33.49	3.1542	0.0205	28 49 58.8	19.930	0.060	79.9	5 obs. [8]	
293	8.5	25 33.35	3.1521	0.0201	28 14 45.5	19.930	0.060	74.8	48 147 518	28 82
294	9.3	25 35.85	3.1567	0.0210	29 31 11.5	19.929	0.060	82.0	343 1428	29 96*
295	9.5	25 39.45	3.1472	0.0189	26 38 28.2	19.929	0.059	74.2	148 157 251	26 73
296	9.0	0 25 42.41	+3.1418	+0.0178	+24 56 30.8	+19.928	—0.059	88.5	1422 1423 1533	*24* *72*
297	8.9	25 42.73	3.1425	0.0179	25 8 5.4	19.928	0.059	76.7	6 obs. [9]	25 67
298	9.1	25 43.65	3.1500	0.0195	27 25 34.6	19.928	0.059	74.8	51 146 514	27 81
299	8.6	25 45.29	3.1487	0.0192	27 1 14.7	19.928	0.059	77.9	6 obs. [10]	26 74
300	9.0	25 53.74	3.1533	0.0201	28 15 33.5	19.926	0.061	75.2	48 147 629	28 85

[1] Z. 877 878 879 882 883
[2] » 48 147 159 629 883
[3] » 147 155 525 619 624
[4] » 47 141 258 513 516 950
[5] Z. 47 141 143 149 516
[6] » 155 159 518 525 619 877
[7] » 164 265 949 1231 1233 1234
[8] Z. 525 619 629 880 884
[9] » 152 161 169 340 519 1143
[10] » 145 164 265 342 517 1610

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
301	8.8	$0^h\ 25^m\ 57^s.04$	+3ˢ.1508	+0ˢ.0195	+27° 30′ 17″.1	+19″.926	−0″.060	81.5	6 obs.[1]	27° 82
302	9.3	25 57.88	3.1429	0.0179	25 4 21.5	19.926	0.060	84.9	1140 1145	24 73*
303	6.8	25 59.71	3.1490	0.0191	26 53 27.4	19.925	0.060	73.9	164 165	26 76
304	9.4	26 6.37	3.1546	0.0203	28 28 31.8	19.924	0.061	81.9	879 886	28 86*
305	9.5	26 13.46	3.1501	0.0192	26 59 32.5	19.923	0.060	88.0	1434	26 77*
306	7.0	o 26 13.68	+3.1520	+0.0196	+27 35 23.1	+19.923	−0.061	75.6	153 267 529	27 84
307	9.2	26 16.40	3.1580	0.0209	29 16 29.5	19.923	0.061	87.4	1333 1425	29 97*
308	8.5	26 17.52	3.1568	0.0206	28 55 14.7	19.922	0.061	77.8	10 obs.	28 87
309	9.0[2]	26 19.32	3.1586	0.0210	29 25 40.4	19.922	0.062	76.8	10 obs.	29 98
310	9.2	26 47.13	3.1497	0.0189	26 25 58.7	19.918	0.062	76.3	251 517	26 78*
311	9.2	o 26 57.73	+3.1450	+0.0178	+24 51 7.8	+19.916	−0.063	85.2	950 1231 1233 1234	*24 76**
312	9.5	26 58.30	3.1518	0.0192	26 54 13.3	19.916	0.063	74.7	5 obs.[3]	26 79
313	9.0	26 58.70	3.1539	0.0196	27 27 16.1	19.915	0.063	72.9	51	27 86*
314	9.2	27 7.06	3.1497	0.0187	26 8 35.5	19.914	0.063	89.8	1532	26 80*
315	9.5	27 8.45	3.1508	0.0189	26 26 52.1	19.914	0.063	84.4	342 1758	26 81
316	8.8	o 27 8.60	+3.1568	+0.0201	+28 9 46.9	+19.914	−0.063	76.1	5 obs.[4]	28 89
317	9.3	27 12.85	3.1503	0.0188	26 13 39.2	19.913	0.063	79.0	7 obs.	26 82
318	9.4	27 16.97	3.1482	0.0183	25 33 55.8	19.912	0.064	81.4	8 obs.	25 72
319	9.3	27 21.56	3.1558	0.0198	27 42 21.0	19.911	0.064	86.6	1235 1236 1432	27 87*
320	9.3	27 43.03	3.1529	0.0190	26 33 10.5	19.908	0.064	87.9	1332 1428 1496	26 84*
321	9.5	o 27 45.94	+3.1590	+0.0202	+28 12 59.5	+19.907	−0.065	73.8	147 155	— —
322	9.2	27 47.27	3.1591	0.0202	28 14 31.1	19.907	0.065	85.5	5 obs.[5]	28 91
323	9.0	27 52.22	3.1642	0.0212	29 33 17.2	19.906	0.065	73.3	47 141	29 99*
324	9.5	27 52.43	3.1485	0.0181	25 9 54.5	19.906	0.065	76.1	152 161 519 621	25 75
325	9.1	28 1.65	3.1533	0.0190	26 27 12.4	19.905	0.065	75.1	5 obs.[6]	26 85
326	9.4	o 28 1.85	+3.1597	+0.0202	+28 11 46.5	+19.905	−0.065	77.9	525	— —
327	9.2	28 4.94	3.1525	0.0187	26 9 10.5	19.904	0.065	86.9	1333 1337	26 86*
328	9.0	28 8.69	3.1500	0.0182	25 22 41.7	19.903	0.065	73.9	152 161 169	25 77
329	8.1[7]	28 18.99	3.1517	0.0184	25 45 18.9	19.901	0.066	79.3	5 obs.[8]	25 78
330	9.5	28 22.06	3.1505	0.0182	25 21 26.9	19.901	0.066	74.0	169	— —
331	8.7	o 28 40.82	+3.1667	+0.0213	+29 31 47.0	+19.897	−0.066	75.7	6 obs.[9]	29 101
332	9.1	28 47.51	3.1667	0.0212	29 25 24.3	19.896	0.067	85.9	1231 1233 1234	29 102*
333	9.1	28 48.44	3.1638	0.0206	28 37 54.6	19.896	0.067	73.4	48 52 147 159	28 93
334	9.5	28 51.20	3.1622	0.0203	28 11 30.3	19.896	0.067	75.2	155 159 518	28 94
335	9.3	29 0.66	3.1582	0.0194	26 59 6.7	19.894	0.067	87.2	1235 1236 1537	26 87*
336	9.0	o 29 1.20	+3.1695	+0.0217	+29 57 16.3	+19.894	−0.067	73.8	141 143 156	29 103
337	9.2	29 2.21	3.1601	0.0198	27 28 23.3	19.894	0.067	84.9	1140 1143 1145	27 90*
338	8.7	29 2.92	3.1568	0.0191	26 34 53.8	19.893	0.067	74.2	157 164 251	26 88
339	9.3	29 5.55	3.1572	0.0191	26 38 52.3	19.893	0.067	74.8	251	— —
340	9.2	29 10.29	3.1513	0.0180	24 58 5.9	19.892	0.067	85.9	711 1430 1431 1432	24 85
341	9.1	o 29 13.61	+3.1511	+0.0179	+24 54 4.0	+19.891	−0.067	86.5	1137 1138 1538	*24 86*
342	8.6	29 14.21	3.1648	0.0206	28 32 56.1	19.891	0.067	80.2	624 710 716 884	28 95
343	8.3	29 15.39	3.1643	0.0205	28 24 41.6	19.891	0.068	79.6	624 714 715	28 96
344	8.8[10]	29 22.90	3.1683	0.0212	29 19 6.0	19.890	0.068	73.8	47 149 262	29 105
345	8.8	29 26.86	3.1592	0.0194	26 55 48.6	19.889	0.068	77.2	265 342 618 625	26 89
346	9.3	o 29 29.50	+3.1667	+0.0208	+28 49 21.7	+19.888	−0.068	81.9	879 882 883 886	28 97*
347	9.0	29 39.58	3.1596	0.0194	26 51 7.4	19.887	0.068	76.9	145 148 716 720	26 90
348	9.0	29 41.50	3.1716	0.0217	29 54 24.5	19.886	0.068	77.4	141 149 156 1433	29 106
349	6.7	29 43.74	3.1587	0.0192	26 33 58.9	19.886	0.068	79.9	157 164 1644	26 91
350	9.0	29 45.69	3.1732	0.0220	30 13 48.4	19.885	0.069	79.9	705 717 718	30 81

[1] Z. 142 154 523 1326 1330 1537
[2] Close double; south preceding
[3] Z. 145 148 157 164 530
[4] » 48 52 518 525 624
[5] Z. 518 1238 1422 1423 1433
[6] » 145 148 157 342 530
[7] Very close double?
[8] Z. 621 623 628 705 716
[9] » 143 156 260 343 510 513
[10] Double; south preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
351	8.2	$0^h\ 29^m\ 46^s.28$	+3ˢ.1548	+0ˢ.0184	+25° 28′ 12″.5	+19″.885	−0″.069	75.9	152 161 519 520	25° 81
352	8.5	29 53.47	3.1693	0.0211	29 9 11.4	19.884	0.069	83.3	143 1756	29 107
353	9.2	30 3.41	3.1688	0.0209	28 54 3.0	19.882	0.069	87.9	1423 1428	28 98*
354	8.0	30 7.61	3.1591	0.0190	26 21 52.2	19.881	0.069	79.4	265 1038	26 92
355	9.0	30 9.33	3.1675	0.0206	28 29 40.8	19.881	0.069	81.6	6 obs.[1]	28 99
356	8.8	o 30 21.28	+3.1565	+0.0185	+25 29 30.6	+19.879	−0.070	76.9	169 520 618	25 84
357	9.2	30 27.49	3.1555	0.0182	25 9 29.2	19.877	0.070	88.0	1434	25 85*
358	9.5	30 35.66	3.1743	0.0216	29 49 43.2	19.876	0.070	73.8	143	29 108*
359	9.0	30 43.85	3.1618	0.0192	26 36 56.5	19.874	0.070	74.2	148 164 265	26 93
360	9.4	30 53.81	3.1700	0.0207	28 32 32.1	19.872	0.071	81.9	882 884	28 100*
361	8.3	o 31 9.38	+3.1584	+0.0185	+25 26 2.2	+19.869	−0.071	78.4	519 621	25 87
362	9.3	31 9.92	3.1707	0.0207	28 31 30.6	19.869	0.071	81.9	882 884	28 101*
363	9.2	31 10.61	3.1761	0.0217	29 49 14.3	19.869	0 071	77.9	143 705 715	29 111
364	9.0	31 10.80	3.1584	0.0184	25 24 33.8	19.869	0.071	77.4	169 519 621 628	25 88
365	8.5	31 11.45	3.1593	0.0186	25 38 31.0	19.869	0.071	90.4	1425 1758	25 89
366	8.1	o 31 15.49	+3.1576	+0.0183	+25 8 40.5	+19.868	−0.071	84.9	1137 1138	25 90
367	8.3	31 44.91	3.1613	0.0186	25 44 39.6	19.862	0.072	75.9	169 520	25 91
368	8.7	31 48.56	3.1697	0.0202	27 46 2.2	19.861	0.073	74.2	142 146 267	27 95
369	8.6	31 53.98	3.1662	0.0196	26 51 57.6	19.860	0.073	74.1	145 148 157 251	26 94
370	4.1	**31 57.21**	**3.1737**	**0.0209**	**28 37 57.6**	**19.860**	**0.073**		**Fund. Cat.**	**28 103**
371	9.0	o 31 57.44	+3.1730	+0.0207	+28 26 16.6	+19.860	−0.073	81.5	5 obs.[2]	28 102
372	9.0	32 10.40	3.1817	0.0221	30 19 58.8	19.857	0.073	79.9	715 716	*30 89*
373	9.5	32 15.61	3.1689	0.0199	27 15 8.9	19.856	0.074	80.5	146 1041 1042	27 97
374	9.0	32 18.01	3.1681	0.0197	27 1 41.2	19.855	0.074	73.9	157 164	26 95
375	6.5	32 20.71	3.1625	0.0186	25 38 11.7	19.855	0.074	82.6	629 1034 1036 1039	25 92
376	8.7	o 32 22.17	+3.1710	+0.0202	+27 41 1.4	+19.855	−0.074	81.1	142 267 1422 1423	27 98
377	9.4	32 25.26	3.1823	0.0221	30 17 57.1	19.854	0.074	77.9	156 156 720 1038	*30 90**
378	**3.3**	**32 38.87**	**3.1826**	**0.0221**	**30 10 35.9**	**19.851**	**0.074**		**Fund. Cat.**	**30 91**
379	9.0	32 44.51	3.1649	0.0190	25 57 40.7	19.850	0.074	79.0	628	— —
380	8.8	32 45.05	3.1612	0.0183	25 2 39.2	19.850	0.074	78.1	169 618 705 715	24 91
381	8.5	o 32 45.52	+3.1685	+0.0196	+26 48 7.1	+19.850	−0.074	74.1	145 148 251	26 96
382	8.6	32 51.40	3.1656	0.0190	26 3 4.8	19.849	0.075	85.4	520 1756	25 93
383	9.1	32 51.97	3.1616	0.0183	25 4 56.3	19.848	0.075	78.3	519 618	24 92
384	9.5	33 7.96	3.1774	0.0210	28 39 2.4	19.845	0.075	77.1	147 159 624 882	28 105
385	9.0	33 18.12	3.1782	0.0210	28 41 0.1	19.843	0.076	74.6	48 52 155 624	28 106
386	7.9	o 33 40.51	+3.1676	+0.0191	+25 58 47.2	+19.838	−0.076	75.5	152 161 621	25 96
387	8.8	34 0.41	3.1832	0.0215	29 19 11.4	19.834	0.077	73.8	141 143 149 156	29 119
388	9.5	34 4.37	3.1734	0.0198	27 3 3.7	19.833	0.077	84.9	1138	26 99*
389	8.9	34 7.34	3.1785	0.0207	28 10 17.7	19.832	0.077	75.2	147 159 518	28 107
390	8.7	34 7.44	3.1820	0.0213	28 57 59.2	19.832	0.077	76.9	48 619 629	28 108
391	9.4	o 34 32.08	+3.1841	+0.0214	+29 7 50.9	+19.827	−0.078	79.5	8 obs.	— —
392	9.0	34 43.46	3.1798	0.0206	28 3 26.0	19.825	0.078	75.5	5 obs.[3]	27 102
393	8.2	34 46.71	3.1768	0.0201	27 21 22.9	19.824	0.079	75.1	142 154 267 523	27 103
394	8.9	34 48.40	3.1675	0.0185	25 12 43.0	19.823	0.079	74.9	152 340	25 97
395	9.5	35 4.15	3.1836	0.0211	28 39 54.4	19.820	0.079	73.9	155	— —
396	8.2	o 35 6.66	+3.1739	+0.0195	+26 30 1.5	+19.819	−0.079	78.7	5 obs.[4]	26 103
397	9.5	35 7.63	3.1884	0.0218	29 38 48.6	19.819	0.079	79.9	715	— —
398	9.2	35 8.96	3.1681	0.0185	25 8 23.6	19.819	0.079	88.3	5 obs.[5]	25 101*
399	8.4	35 10.42	3.1723	0.0192	26 4 34.7	19.819	0.079	77.2	169 519 520 628	25 102
400	9.1	35 17.07	3.1738	0.0193	26 20 44.8	19.817	0.080	75.2	148 164 517	26 105

[1] Z. 147 715 810 811 1034 1532
[2] » 147 624 1140 1143 1145
[3] Z. 51 142 146 153 950
[4] » 145 164 265 1422 1423
[5] Z. 1332 1334 1430 1431 1644

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
401	9.0	$0^h\ 35^m\ 28^s.86$	$+3^s.1911$	$+0^s.0221$	$+29°\ 56'\ 53''.4$	$+19''.814$	$-0^s.080$	75.3	143 156 339 513	29° 121
402	9.4	35 34.37	3.1784	0.0200	27 11 34.1	19.813	0.080	87.0	950 1610	27 106*
403	9.1	35 36.77	3.1729	0.0192	25 57 8.5	19.813	0.080	84.9	1140 1143 1145	25 103*
404	9.0	35 36.86	3.1853	0.0211	28 38 16.8	19.813	0.080	74.4	48 52 147 518	28 110
405	9.4	35 38.33	3.1849	0.0211	28 32 35.4	19.812	0.080	81.9	882	28 109*
406	8.9	o 35 40.00	+3.1792	+0.0201	+27 16 24.3	+19.812	−0.080	75.6	51 146 154 887	27 107
407	9.0	35 40.30	3.1698	0.0186	25 13 29.8	19.812	0.080	74.7	5 obs.[1]	25 104
408	9.3	35 43.96	3.1901	0.0219	29 35 22.2	19.811	0.080	85.9	715 1433 1538	29 123*
409	9.1	35 44.64	3.1920	0.0222	29 57 53.1	19.811	0.080	78.6	7 obs.	29 122*
410	7.3	35 49.87	3.1781	0.0199	26 57 25.3	19.810	0.081	73.8	145 148 157	26 108
411	9.0	o 35 53.89	+3.1748	+0.0193	+26 11 0.1	+19.809	−0.081	77.9	342 517 621 625	26 109
412	7.6	36 7.27	3.1906	0.0218	29 25 4.8	19.806	0.081	78.2	6 obs.[2]	29 125
413	9.3	36 8.80	3.1873	0.0213	28 42 23.1	19.805	0.081	85.9	1137 1138 1434	28 112*
414	9.1	36 21.06	3.1772	0.0195	26 25 44.2	19.802	0.082	76.7	5 obs.[3]	26 111
415	9.0	36 22.91	3.1836	0.0205	27 47 2.1	19.802	0.082	75.9	51 146 154 949	27 109
416	9.5	o 36 29.94	+3.1849	+0.0207	+27 58 24.1	+19.800	−0.082	75.2	142 153 523	27 110
417	8.7	36 36.26	3.1926	0.0219	29 31 32.1	19.799	0.082	75.1	141 149 510	29 127
418	8.7	36 40.10	3.1784	0.0196	26 30 4.4	19.798	0.082	75.9	145 265 342 623	26 112
419	9.0	36 49.16	3.1804	0.0199	26 48 3.7	19.796	0.083	73.8	148	— —
420	9.4	36 58.56	3.1919	0.0216	29 6 2.8	19.794	0.083	81.9	882	28 113*
421	8.6	o 37 3.41	+3.1871	+0.0209	+28 5 37.7	+19.793	−0.083	80.1	14 obs.	27 113
422	8.7	37 26.78	3.1989	0.0225	30 12 56.1	19.787	0.084	75.4	5 obs.[4]	30 105
423	9.0	37 28.96	3.1906	0.0212	28 31 57.9	19.787	0.084	74.3	5 obs.[5]	28 114
424	9.5	37 38.73	3.1910	0.0212	28 30 28.4	19.784	0.084	73.8	147	— —
425	9.2	37 45.71	3.1957	0.0219	29 23 51.2	19.783	0.085	85.9	1231 1233 1234	29 128*
426	8.5	o 37 57.44	+3.1802	+0.0194	+26 5 12.8	+19.780	−0.085	76.1	7 obs.	25 110
427	9.0	38 0.62	3.1749	0.0186	24 56 43.2	19.779	0.085	73.9	152 161 169	24 107
428	9.5	38 0.98	3.1928	0.0213	28 38 0.8	19.779	0.085	86.9	1138 1422 1428	28 116*
429	9.0	38 5.47	3.1996	0.0224	29 55 36.4	19.778	0.086	74.3	143 149 156 339	29 130
430	9.2	38 21.45	3.1855	0.0201	26 57 20.8	19.774	0.086	84.4	949 1140 1143 1145	26 118*
431	9.1	o 38 23.27	+3.1941	+0.0214	+28 40 2.1	+19.774	−0.086	86.0	1146 1147 1429	28 117*
432	9.3	38 34.50	3.1931	0.0212	28 22 31.5	19.771	0.086	86.9	1236 1238 1430 1431	28 118*
433	9.0	38 35.59	3.1909	0.0208	27 54 8.3	19.771	0.086	75.9	153 523	27 116
434	8.4	38 38.26	3.1880	0.0204	27 16 45.3	19.770	0.086	74.4	154 267	27 117
435	9.0	38 38.58	3.1911	0.0208	27 54 38.7	19.770	0.086	75.9	153 523	— —
436	9.5	o 38 47.31	+3.1928	+0.0210	+28 10 23.0	+19.768	−0.087	81.9	883	— —
437	8.5	38 48.42	3.1972	0.0217	29 2 37.6	19.768	0.087	80.5	48 619 1537	28 119
438	8.4	38 55.53	3.2009	0.0222	29 39 8.8	19.766	0.088	78.7	5 obs.[6]	29 132
439	8.3	38 55.94	3.1950	0.0213	28 30 20.0	19.766	0.087	75.2	52 147 624	28 121
440	9.2	38 57.81	3.1959	0.0214	28 40 23.7	19.765	0.087	87.9	1326 1330 1540	28 120
441	8.5	o 38 58.70	+3.1966	+0.0215	+28 48 29.4	+19.765	−0.087	80.5	8 obs.	28 122
442	9.1	38 59.81	3.1786	0.0188	25 9 36.5	19.765	0.087	77.6	340 519 625	25 111
443	9.5	39 2.47	3.1911	0.0207	27 40 39.5	19.764	0.087	82.3	142 1610	27 118
444	7.0	39 7.58	3.1807	0.0191	25 29 20.2	19.763	0.087	73.9	152 161 169	25 112
445	9.5	39 9.56	3.1941	0.0211	28 11 38.0	19.762	0.087	79.9	716	28 123
446	9.5	o 39 11.40	+3.1932	+0.0209	+27 59 33.9	+19.762	−0.087	73.8	146	27 119
447	9.3	39 19.53	3.1869	0.0199	26 39 45.3	19.760	0.088	88.0	1433	26 120*
448	9.4	39 39.01	3.2007	0.0218	29 10 59.1	19.755	0.089	81.9	878 882	29 133*
449	9.4	39 40.67	3.2010	0.0219	29 13 25.2	19.754	0.089	76.9	156 720	— —
450	7.8	39 41.88	3.2067	0.0227	30 15 38.2	19.754	0.090	82.9	879 883 1036 1041	30 113

[1] Z. 152 161 161 169 519
[2] » 149 337 338 343 510 1533
[3] Z. 157 164 530 621 623
[4] » 141 143 337 343 513
[5] Z. 48 52 147 159 527
[6] » 141 143 156 715 1647

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
451	9.0	$0^h\ 39^m\ 42^s.84$	+3ˢ.1981	+0ˢ.0214	+28° 37′ 56″.7	+19″.754	−0″.089	79.5	619 710 716	28° 124
452	8.0	39 44.72	3.2068	0.0227	30 16 5.5	19.753	0.089	83.9	1036 1041	30 114
453	9.3	39 46.67	3.1988	0.0215	28 42 40.8	19.753	0.090	82.9	949	28 125*
454	9.5	39 55.58	3.2039	0.0222	29 35 39.7	19.751	0.090	83.9	1043	— —
455	8.9	40 21.84	3.1835	0.0191	25 23 41.7	19.744	0.090	75.2	152 161 519	25 115
456	9.5	0 40 23.27	+3.2056	+0.0222	+29 37 23.8	+19.743	−0.091	83.8	143 1870	29 135
457	8.6	40 24.68	3.1971	0.0210	28 2 32.6	19.743	0.090	89.9	1338 1756	27 121
458	9.5	40 30.52	3.1909	0.0201	26 46 35.0	19.742	0.090	75.5	145 148 623	26 123
459	9.2	40 44.82	3.1855	0.0192	25 35 7.7	19.738	0.090	77.3	169 625 628	25 116
460	9.0	40 47.95	3.1902	0.0198	26 27 40.3	19.737	0.091	75.5	145 148 621	26 124
461	9.0	0 40 51.08	+3.2027	+0.0217	+28 50 18.6	+19.736	−0.092	76.4	147 624	28 128
462	9.4	40 52.56	3.1983	0.0210	27 59 29.0	19.736	0.091	78.9	154 710 723 882	27 122
463	8.6	40 52.66	3.1856	0.0192	25 32 17.7	19.736	0.091	78.4	519 628	25 117
464	8.8	40 56.65	3.1991	0.0211	28 6 29.6	19.735	0.091	84.4	949 1032 1034 1326	28 129
465	9.0	40 58.74	3.1942	0.0204	27 10 22.3	19.735	0.091	76.9	142 154 715 716	27 123
466	9.0	0 40 59.80	+3.2003	+0.0212	+28 18 19.9	+19.734	−0.091	84.2	718 1042 1496	28 130
467	7.1	41 4.29	3.1865	0.0192	25 36 29.7	19.733	0.091	77.3	5 obs.[1]	25 118
468	7.6	41 4.81	3.1906	0.0198	26 24 50.6	19.733	0.091	81.4	623 1041	26 126
469	9.3	41 23.94	3.2012	0.0212	28 15 6.3	19.728	0.092	83.9	1038	— —
470	8.6	41 27.45	3.1837	0.0187	24 52 1.6	19.727	0.092	91.0	1433 1645 1646 1648	*24 118*
471	9.3	0 41 30.11	+3.2108	+0.0226	+29 54 48.4	+19.726	−0.093	93.9	1865 1869	29 136
472	8.5	41 30.71	3.2112	0.0227	29 58 58.9	19.726	0.093	74.5	141 156 339	29 137
473	8.8	41 34.88	3.2007	0.0211	28 2 29.8	19.725	0.093	75.5	142 146 619	27 124
474	9.5	41 37.54	3.2129	0.0228	30 12 50.8	19.724	0.093	75.5	143 156 624	30 119
475	9.5	41 55.31	3.1976	0.0206	27 15 12.9	19.720	0.093	80.9	710 886	27 125
476	8.9	0 42 25.50	+3.2017	+0.0209	+27 44 53.2	+19.712	−0.095	76.9	154 523 619	27 126
477	7.5	42 27.64	3.2034	0.0211	28 2 14.8	19.711	0.095	79.5	5 obs.[2]	27 127
478	9.2	42 33.43	3.1924	0.0196	25 56 11.2	19.709	0.094	87.0	1337 1338	25 122*
479	9.0	42 33.97	3.1909	0.0194	25 40 29.2	19.709	0.094	73.9	152 161 169	25 123
480	9.3	42 35.15	3.2011	0.0208	27 33 18.9	19.709	0.095	82.9	949	27 128*
481	9.1	0 42 44.88	+3.2158	+0.0227	+30 3 33.5	+19.706	−0.095	87.9	1429	29 138*
482	9.5	42 56.98	3.2084	0.0216	28 39 51.7	19.703	0.096	73.8	147	— —
483	9.0	42 57.58	3.1887	0.0189	25 3 50.5	19.703	0.095	75.2	152 169 519	24 121
484	8.3	43 1.17	3.2148	0.0225	29 45 17.1	19.702	0.096	75.9	338 339 343	29 139
485	9.4	43 2.46	3.2152	0.0225	29 47 35.1	19.702	0.096	75.1	141 143 513	29 140
486	7.5	0 43 7.00	+3.2153	+0.0225	+29 46 9.9	+19.700	−0.096	75.3	7 obs.	29 141
487	5.7	43 10.65	3.2000	0.0204	27 1 45.1	19.699	0.095	74.7	5 obs.[3]	26 131
488	9.0	43 12.79	3.1958	0.0199	26 14 28.1	19.699	0.095	77.8	7 obs.	26 132
489	9.5	43 18.93	3.1962	0.0199	26 15 37.8	19.697	0.096	78.4	265 623 711 723	26 133*
490	9.4	43 19.70	3.2041	0.0210	27 41 11.1	19.697	0.097	75.5	153 154 619	27 131
491	9.5	0 43 22.35	+3.1957	+0.0198	+26 9 3.3	+19.696	−0.096	81.5	811 885	26 134*
492	9.0	43 23.10	3.1884	0.0188	24 47 39.3	19.696	0.096	84.3	950 1146 1147	*24 122*
493	7.6	43 32.87	3.2047	0.0210	27 41 16.8	19.695	0.097	75.5	146 267 523	27 132
494	9.3	43 55.15	3.2150	0.0222	29 17 0.5	19.687	0.098	87.6	1326 1428 1431	29 142*
495	8.9	43 57.79	3.2133	0.0220	28 57 3.3	19.686	0.098	76.9	155 518 624	28 134
496	9.0	0 43 57.79	+3.2111	+0.0216	+28 33 33.1	+19.686	−0.098	73.2	48 52 159	28 132
497	9.0	43 58.02	3.2138	0.0220	29 2 5.6	19.686	0.098	76.9	155 527 629	28 133
498	7.4	43 58.47	3.1906	0.0189	24 54 15.0	19.686	0.097	86.2	1143 1145 1487	*24 123*
499	9.1	44 15.72	3.2147	0.0220	29 2 6.1	19.681	0.099	75.9	48 159 527 629	28 135
500	9.4	44 16.54	3.2105	0.0215	28 18 56.6	19.681	0.099	85.9	949 1238 1488	28 136*

[1] Z. 169 340 618 625 628 [2] Z. 142 716 723 882 883 [3] Z. 145 145 148 155 530

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
501	9.4	$0^h\ 44^m\ 18^s.04$	+3ˢ.2174	+0ˢ.0224	+29° 28′ 27″.9	+19″.681	—0″.099	75.8	149 513	29° 143*
502	9.0	44 20.32	3.2134	0.0218	28 46 33.0	19.680	0.099	79.3	11 obs.	28 137
503	9.5	44 21.85	3.2075	0.0210	27 44 0.4	19.680	0.099	82.3	142 1610	27 133*
504	9.3	44 24.87	3.2102	0.0214	28 11 41.8	19.679	0.099	87.9	1338 1432 1489	28 138*
505	9.0	44 27.76	3.1968	0.0196	25 47 53.8	19.678	0.098	77.1	6 obs.[1]	25 124
506	9.5	o 44 28.61	+3.2126	+0.0216	+28 33 55.5	+19.678	—0.099	73.8	147	— —
507	9.0	44 37.60	3.2022	0.0203	26 40 37.4	19.675	0.099	75.4	148 164 342 530	26 137
508	9.3	44 39.96	3.1983	0.0198	25 56 53.4	19.675	0.099	85.4	520 1337 1433 1490	25 126*
509	9.2	44 41.26	3.2187	0.0225	29 28 54.6	19.674	0.099	75.8	7 obs.	29 144
510	8.2	45 11.54	3.2063	0.0206	27 5 54.7	19.666	0.100	76.9	5 obs.[2]	26 138
511	9.3	o 45 18.70	+3.2112	+0.0212	+27 52 42.2	+19.664	—0.101	90.9	1532 1645	— —
512	9.4	45 27.97	3.2101	0.0210	27 37 3.6	19.661	0.101	74.6	5 obs.[3]	27 135
513	9.5	45 30.19	3.1964	0.0193	25 12 22.7	19.660	0.101	73.9	152 161 169	25 127
514	9.3	45 30.30	3.2120	0.0214	27 56 6.9	19.660	0.101	87.9	1333 1496	27 134*
515	9.4	45 31.34	3.2016	0.0199	26 7 18.6	19.660	0.101	76.4	164 342 517 530	26 139
516	9.0	o 45 33.24	+3.1957	+0.0191	+25 4 38.1	+19.659	—0.101	85.2	5 obs.[4]	24 127
517	9.5	45 33.78	3.1968	0.0193	25 15 44.1	19.659	0.101	82.0	887	25 129*
518	9.3	45 34.18	3.2086	0.0208	27 18 16.1	19.659	0.101	89.1	1429 1493 1533 1538	27 136*
519	9.0	45 36.46	3.2182	0.0222	28 54 51.9	19.658	0.101	73.4	48 159	28 139
520	9.1	45 41.05	3.2035	0.0202	26 22 30.4	19.657	0.101	87.2	949 1500 1534	26 141*
521	7.5	o 45 41.48	+3.1963	+0.0192	+25 6 0.6	+19.657	—0.101	81.4	8 obs.	24 128
522	8.2	45 48.15	3.2010	0.0198	25 53 26.5	19.655	0.102	78.6	519 623 625	25 131
523	9.5	45 55.77	3.2194	0.0222	28 56 22.9	19.653	0.102	72.9	52	28 140
524	8.4	45 56.92	3.2255	0.0230	29 55 30.0	19.653	0.102	75.1	143 149 156 624	29 145
525	9.3	46 3.87	3.2056	0.0203	26 32 43.9	19.651	0.102	84.3	6 obs.[5]	26 142*
526	8.8	o 46 10.41	+3.2169	+0.0217	+28 23 43.8	+19.649	—0.102	80.5	8 obs.	28 141
527	7.5	46 22.66	3.2253	0.0228	29 40 10.7	19.645	0.103	76.1	8 obs.	29 147
528	9.3	46 40.70	3.2123	0.0210	27 23 24.7	19.640	0.103	84.5	5 obs.[6]	27 140*
529	9.4	46 41.26	3.2048	0.0200	26 7 30.0	19.640	0.103	89.9	1537	26 144*
530	9.0	46 49.20	3.2076	0.0203	26 31 5.5	19.637	0.104	75.7	5 obs.[7]	26 145
531	7.7	o 46 52.00	+3.2190	+0.0218	+28 24 2.6	+19.636	—0.104	78.9	9 obs.	28 143
532	9.3	46 52.61	3.2133	0.0210	27 27 6.0	19.636	0.104	87.4	1326 1428	27 141*
533	7.5	46 52.64	3.2216	0.0221	28 48 40.6	19.636	0.104	79.8	7 obs.	28 144
534	9.0	46 53.05	3.2139	0.0211	27 32 6.7	19.636	0.104	75.0	5 obs.[8]	27 142
535	8.7	46 53.78	3.2121	0.0209	27 13 51.8	19.636	0.104	80.6	16 obs.	27 143
536	9.5	o 47 3.37	+3.1995	+0.0192	+25 1 59.8	+19.633	—0.104	73.9	161	24 131*
537	7.6	47 5.68	3.2166	0.0214	27 52 45.7	19.632	0.104	77.3	7 obs.	27 144
538	9.2	47 25.49	3.2118	0.0207	26 55 30.0	19.626	0.105	86.4	949 1333 1430 1431	26 146*
539	8.1	47 42.39	3.2013	0.0193	25 2 13.9	19.621	0.105	76.2	6 obs.[9]	24 136
540	9.3	47 59.08	3.2318	0.0230	29 51 25.7	19.616	0.106	75.7	6 obs.[10]	29 149
541	8.5	o 48 3.97	+3.2222	+0.0217	+28 18 35.7	+19.615	—0.106	79.1	9 obs.	28 149
542	9.0	48 5.34	3.2219	0.0217	28 15 14.5	19.614	0.106	84.9	1137 1138 1140 1142	28 150*
543	8.7	48 23.34	3.2180	0.0211	27 29 26.0	19.609	0.107	76.6	142 154 523 810	27 146
544	9.0	48 28.09	3.2151	0.0207	26 57 46.2	19.607	0.107	75.6	6 obs.[11]	26 148
545	7.7	48 36.67	3.2346	0.0232	29 58 59.5	19.605	0.107	78.8	10 obs.	29 150
546	7.8	o 48 40.48	+3.2213	+0.0215	+27 52 58.1	+19.604	—0.107	73.8	142 146 153	27 148
547	8.5	48 49.52	3.2085	0.0199	25 43 30.1	19.601	0.108	74.9	161 169 169 519	25 135
548	9.3	49 1.24	3.2305	0.0225	29 8 25.2	19.597	0.108	85.0	949 950 1498	29 151*
549	9.3	49 4.76	3.2280	0.0222	28 43 42.2	19.596	0.108	87.6	1332 1428 1433	28 152*
550	9.0	49 10.62	3.2151	0.0205	26 38 54.5	19.594	0.108	76.3	5 obs.[12]	26 149

[1] Z. 161 169 519 621 625 629
[2] » 145 148 265 810 810
[3] » 142 146 153 154 523
[4] » 628 950 1339 1434 1498
[5] Z. 148 1234 1235 1236 1336 1337
[6] » 718 812 1238 1332 1488
[7] » 145 164 265 517 530
[8] » 142 146 153 154 267
[9] Z. 152 161 169 519 621 628
[10] » 143 149 156 343 513 624
[11] » 145 148 164 342 517 530
[12] » 145 148 164 530 887

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
551	6.0	$0^h\ 49^m\ 15^s.31$	+3s.2146	+0s.0205	+26° 31' 51".5	+19".593	−0".109	76.7	265 342 517 530	26° 151
552	8.7	49 19.43	3.2312	0.0225	29 6 7.7	19.592	0.109	79.1	5 obs.[1]	28 153
553	9.3	49 27.42	3.2247	0.0216	28 2 16.7	19.589	0.109	92.9	1757 1760	27 150
554	9.0	49 27.64	3.2379	0.0232	30 3 16.0	19.589	0.109	88.2	1333 1430 1431 1532	29 153
555	8.6	49 31.00	3.2278	0.0220	28 28 58.2	19.588	0.109	79.5	7 obs.	28 154
556	9.0	o 49 31.59	+3.2329	+0.0226	+29 15 39.8	+19.588	−0.109	75.5	141 149 624	29 154
557	8.9	49 41.22	3.2356	0.0229	29 35 16.5	19.585	0.110	80.0	16 obs.	29 155
558	9.0	49 51.02	3.2218	0.0212	27 24 10.3	19.582	0.110	79.4	7 obs.	27 152
559	8.4	49 55.91	3.2267	0.0218	28 7 15.4	19.580	0.110	76.8	10 obs.	28 155
560	8.2	50 1.06	3.2113	0.0199	25 39 45.1	19.579	0.110	73.9	152 161 169	25 136
561	9.5	o 50 1.91	+3.2368	+0.0229	+29 35 57.5	+19.578	−0.111	89.9	510 1864 1869 1870	29 157
562	9.0	50 1.93	3.2290	0.0220	28 25 56.8	19.578	0.110	82.0	7 obs.	28 156
563	9.0	50 3.81	3.2193	0.0208	26 55 6.0	19.578	0.110	76.4	148 623	26 154
564	9.3	50 17.84	3.2146	0.0201	26 3 45.4	19.573	0.111	86.4	1137 1429	25 137*
565	9.5	50 27.86	3.2141	0.0200	25 54 16.3	19.570	0.111	75.6	152 161 623	25 138
566	8.9	o 50 28.37	+3.2087	+0.0194	+25 3 27.2	+19.570	−0.111	75.9	169 519	24 148
567	7.8	50 31.33	3.2169	0.0204	26 19 21.7	19.569	0.111	74.2	145 164 265	26 155
568	8.8:	50 56.28	3.2295	0.0218	28 5 32.6	19.561	0.112	83.9	1039	— —
569	6.0	51 4.43	3.2314	0.0219	28 18 57.1	19.558	0.112	86.3	1146 1147 1496	28 157
570	9.5	51 6.13	3.2367	0.0226	29 5 34.1	19.558	0.113	81.5	7 obs.	28 158
571	8.0	o 51 7.20	+3.2351	+0.0224	+28 50 49.1	+19.557	−0.113	78.9	6 obs.[2]	28 159
572	9.5	51 9.99	3.2292	0.0217	27 56 31.8	19.557	0.112	74.8	142 153 154 523	27 153
573	8.9	51 10.14	3.2327	0.0221	28 27 21.1	19.556	0.113	78.9	5 obs.[3]	28 160
574	8.2	51 12.83	3.2408	0.0227	29 38 28.7	19.556	0.113	79.1	8 obs.	29 158
575	9.0	51 16.85	3.2288	0.0215	27 49 52.6	19.554	0.113	73.8	154	— —
576	8.6	o 51 22.18	+3.2258	+0.0212	+27 18 31.5	+19.552	−0.113	92.8	1756 1757	27 154
577	9.2	51 23.17	3.2188	0.0204	26 14 42.7	19.552	0.113	86.9	1326	26 158*
578	9.2	51 23.94	3.2188	0.0204	26 14 39.2	19.552	0.113	87.0	1338	
579	9.2	51 25.77	3.2116	0.0195	25 5 8.0	19.551	0.113	84.2	161 1333 1428 1433	24 152*
580	9.0	51 39.54	3.2276	0.0214	27 27 43.7	19.547	0.113	81.1	7 obs.	27 155
581	9.5	o 51 40.77	+3.2385	+0.0227	+29 4 47.1	+19.547	−0.115	72.9	52	— —
582	7.5	51 44.75	3.2190	0.0203	26 6 35.7	19.545	0.114	74.2	145 148 265	26 161
583	8.9	51 54.83	3.2198	0.0203	26 10 56.8	19.542	0.114	76.6	164 517 530	26 162
584	9.2	51 59.03	3.2367	0.0224	28 40 50.2	19.541	0.115	87.2	950 1430 1431 1532	28 161*
585	8.9	52 3.28	3.2366	0.0224	28 37 5.7	19.539	0.115	80.9	8 obs.	28 162
586	7.2	o 52 17.96	+3.2263	+0.0210	+26 58 51.5	+19.534	−0.114	81.6	6 obs.[4]	26 163
587	9.0	52 24.54	3.2277	0.0211	27 8 57.2	19.532	0.115	75.1	142 153 267 523	27 157
588	9.5	52 27.50	3.2329	0.0217	27 54 30.3	19.531	0.113	82.5	887 949	27 158*
589	9.0	52 31.86	3.2386	0.0224	28 42 54.4	19.530	0.116	73.9	159	— —
590	9.3	52 53.13	3.2178	0.0199	25 27 8.9	19.523	0.116	86.6	950 1429 1498	25 144*
591	8.9	o 53 10.16	+3.2357	+0.0218	+28 0 11.3	+19.517	−0.117	76.9	267 523 529	27 159
592	9.2	53 19.08	3.2402	0.0223	28 35 12.1	19.514	0.118	82.7	48 1234 1235 1236	28 163*
593	9.3	53 21.36	3.2502	0.0234	29 59 15.6	19.513	0.118	86.3	1142 1238 1427	29 161*
594	9.2	53 32.75	3.2443	0.0228	29 4 20.8	19.509	0.118	88.6	1433 1489 1490	28 164*
595	8.5	53 40.27	3.2218	0.0202	25 44 56.0	19.507	0.117	76.8	8 obs.	25 147
596	8.9	o 53 40.36	+3.2155	+0.0194	+24 46 47.8	+19.507	−0.117	83.9	887 1137 1138	*24 158*
597	9.4	53 42.86	3.2477	0.0231	29 28 31.0	19.506	0.118	82.0	886	29 163*
598	9.0	54 7.26	3.2213	0.0200	25 29 6.2	19.498	0.118	76.2	161 169 519 628	25 148
599	9.4	54 7.76	3.2297	0.0209	26 42 35.7	19.498	0.118	87.6	1326 1338 1487	26 166*
600	8.8	54 13.94	3.2412	0.0222	28 19 33.7	19.495	0.119	75.2	6 obs.[5]	28 166

[1] Z. 149 156 510 1143 1145
[2] » 268 629 716 719 720 723
[3] Z. 48 155 518 887 1498
[4] » 164 517 530 1143 1145 1537
[5] Z. 48 52 159 269 518 629

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
601	9.2	$0^h\ 54^m\ 16^s.26$	+3s.2414	+0s.0222	+28° 21′ 15″.7	+19″.495	—0″.120	74.2	155 159 268	28° 167
602	9.4	54 17.02	3.2337	0.0213	27 14 22.8	19.494	0.119	87.6	1332 1333 1488	27 160*
603	9.3	54 20.77	3.2505	0.0232	29 35 16.5	19.493	0.120	81.9	882	— —
604	8.2	54 26.15	3.2243	0.0202	25 47 56.3	19.491	0.119	77.2	169 618 625	25 150
605	9.0	54 31.03	3.2493	0.0230	29 20 2.5	19.490	0.120	75.8	149 337 338 510	29 165
606	8.9	o 54 35.03	+3.2540	+0.0236	+29 57 53.1	+19.488	—0.120	75.9	149 343 513	29 166
607	9.3	54 46.13	3.2522	0.0232	29 37 24.4	19.484	0.121	80.6	11 obs.	29 167
608	9.2	54 47.62	3.2408	0.0220	28 2 1.8	19.484	0.121	85.3	949 1147 1428	27 161*
609	8.6	54 48.28	3.2382	0.0217	27 38 44.3	19.484	0.120	76.2	6 obs.[1]	27 162
610	9.5	54 51.37	3.2339	0.0212	27 0 31.3	19.483	0.121	76.1	5 obs.[2]	26 167
611	8.3	o 55 24.82	+3.2532	+0.0231	+29 29 23.6	+19.471	—0.122	79.6	15 obs.	29 168
612	6.6	55 48.69	3.2370	0.0213	27 4 28.6	19.463	0.123	80.6	8 obs.	26 169
613	7.0	56 5.11	3.2276	0.0202	25 37 33.1	19.457	0.122	76.5	5 obs.[3]	25 156
614	7.9	56 5.16	3.2542	0.0230	29 18 47.9	19.457	0.123	74.9	149 343	29 170
615	9.2	56 5.94	3.2595	0.0236	30 1 45.9	19.456	0.123	79.9	338 510 513 1434	29 171
616	9.2	o 56 6.13	+3.2519	+0.0228	+29 0 44 3	+19.456	—0.123	85.4	950 1138 1139 1500	28 169*
617	8.6	56 26.10	3.2354	0.0209	26 35 52.9	19.449	0.124	79.9	8 obs.	26 170
618	9.2	56 26.85	3.2450	0.0220	27 56 0.0	19.449	0.124	86.2	949 1333 1488	27 164*
619	9.1	56 36.94	3.2346	0.0208	26 25 8.3	19.445	0.123	86.6	1234 1326 1330	26 171*
620	9.3	56 39.00	3.2486	0 0223	28 20 8.7	19.445	0.124	87.3	1237 1338 1492	28 170*
621	9.5	o 56 48.70	+3.2419	+0.0216	+27 20 48.3	+19.441	—0.125	85.9	715 1645	— —
622	8.3	56 49.11	3.2297	0.0202	25 38 23.2	19.441	0.124	76.2	161 169 519 628	25 158
623	8.6	56 52.29	3.2529	0.0227	28 49 43.7	19.440	0.125	78.8	8 obs.	28 171
624	9.0	56 54.71	3.2444	0.0218	27 39 17.9	19.439	0.125	76.7	5 obs.[4]	27 165
625	8.7	57 1.83	3.2415	0.0215	27 12 33.8	19.437	0.125	80.4	6 obs.[5]	27 166
626	9.2	o 57 14.88	+3.2413	+0.0214	+27 6 13.5	+19.432	—0.125	87.3	1238 1427 1428	27 167*
627	8.8	57 17.42	3.2327	0.0205	25 52 54.8	19.431	0.125	77.4	161 519 621 625	25 160
628	8.4	57 21.62	3.2332	0.0205	25 54 56.4	19.429	0.125	79.9	169 533 621 1498	25 161
629	9.3	57 25.03	3.2436	0.0216	27 20 35.7	19.428	0.126	79.2	10 obs.	27 168
630	9.3	57 29.06	3.2552	0.0228	28 52 31.0	19.427	0.126	88.2	1429 1430 1431 1490	28 173
631	6.7	o 57 38.03	+3.2566	+0.0229	+28 59 27.6	+19.423	—0.126	81.3	6 obs.[6]	28 174
632	8.8	57 45.41	3.2574	0.0229	29 3 14.3	19.421	0.127	75.4	155 268 269 518	28 175
633	9.3	57 49.90	3.2571	0.0229	28 59 0.1	19.419	0.127	76.6	48 527 629	— —
634	9.0	57 59.40	3.2433	0.0213	27 4 12.8	19.416	0.127	76.0	342	26 174*
635	8.4	58 2.26	3.2492	0.0220	27 50 37.5	19.415	0.127	79.3	9 obs.	27 169
636	9.3	o 58 12.48	+3.2578	+0.0228	+28 54 54.7	+19.411	—0.127	84.2	949 1137 1138	28 176*
637	9.2	58 16.55	3.2460	0.0215	27 18 43.2	19.410	0.128	81.3	12 obs.	27 171
638[7]	9.3	58 23.44	3.2334	0.0203	25 34 13.1	19.407	0.127	86.0	1143 1338	25 164*
639	9.1	58 24.95	3.2581	0.0228	28 52 9.4	19.406	0.128	86.3	1234 1237 1333	28 177*
640	9.1	58 25.07	3.2447	0.0214	27 5 48.8	19.406	0.128	76.2	164 265 517 530	26 175
641	9.4	o 58 32.77	+3.2640	+0.0235	+29 34 38.8	+19.404	—0.130	77.8	510	— —
642	8.5	59 22.46	3.2641	0.0232	29 15 13.9	19.385	0.131	75.2	149 337 338	29 175
643	9.0	59 24.39	3.2532	0.0220	27 50 3.1	19.384	0.130	83.3	153 1757	27 172
644	8.4	59 26.37	3.2401	0.0205	26 4 28.8	19.384	0.130	75.5	5 obs.[8]	25 165
645	9.5	59 44.93	3.2315	0.0199	24 48 9.9	19.377	0.129	88.9	1487 1488 1496	*24 179*
646	9.0	o 59 46.38	+3.2533	+0.0220	+27 42 3.1	+19.376	—0.131	81.8	17 obs.	27 174
647	8.2	59 48.63	3.2637	0.0231	29 1 39.3	19.375	0.132	75.6	7 obs.	28 179
648	8.9	1 0 7.14	3.2439	0.0210	26 21 4.2	19.368	0.131	76.6	164 517 530	26 181
649	8.9	0 12.55	3.2693	0.0236	29 33 54.0	19.366	0.132	75.9	149 343 510	29 176
650	8.9	0 20.64	3.2599	0.0225	28 20 1.0	19.363	0.132	74.5	48 52 518	28 182

[1] Z. 142 153 267 523 529 619
[2] » 164 265 342 517 530
[3] » 161 169 519 533 628
[4] Z. 153 267 523 529 619
[5] » 153 267 523 887 1332 1334
[6] » 52 159 629 1147 1433 1496
[7] North following
[8] Z. 161 169 169 519 533

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
651	8.5	1h 0m 20.68	+3.2562	+0.0221	+27° 51′ 57.4	+19.363	−0.132	75.9	153 267 619	27° 175
652	9.4	0 26.65	3.2453	0.0210	26 24 48.5	19.361	0.132	80.6	265 625 1428	26 182
653	8.9	0 43.46	3.2477	0.0212	26 37 0.4	19.354	0.132	77.2	265 517 621	26 185
654	9.2	0 47.56	3.2472	0.0209	26 10 42.3	19.353	0.133	85.9	1234 1235 1236	26 186*
655	9.1	0 48.86	3.2484	0.0212	26 39 48.8	19.352	0.133	78.6	530 621 625	26 187
656	9.5	1 0 56.53	+3.2615	+0.0225	+28 18 33.3	+19.349	−0.133	73.9	159	28 183*
657	9.1	1 7.05	3.2392	0.0202	25 21 48.9	19.345	0.132	87.3	1237 1333 1497	25 169*
658	9.1	1 11.22	3.2654	0.0229	28 42 10.3	19.344	0.134	85.0	1142 1143 1145	28 184*
659	9.2	1 14.45	3.2620	0.0225	28 15 54.2	19.343	0.133	83.6	268 1430 1431	28 185
660	9.3	1 15.43	3.2633	0.0226	28 24 51.7	19.342	0.134	86.9	1332 1334	28 186*
661	7.2	1 1 26.34	+3.2621	+0.0225	+28 12 8.9	+19.338	−0.134	74.6	48 52 268 518	28 187
662	8.5	1 27.66	3.2749	0.0238	29 45 43.9	19.337	0.135	80.1	12 obs.	29 179
663	9.0	1 35.71	3.2395	0.0202	25 14 24.1	19.334	0.134	75.6	161 169 618	25 170
664	9.1	1 40.14	3.2429	0.0205	25 39 16.8	19.332	0.134	88.0	1429 1434	25 171*
665	7.4	1 57.25	3.2762	0.0238	29 44 25.0	19.326	0.136	79.6	6 obs.[1]	29 181
666	9.0	1 2 2.14	+3.2663	+0.0228	+28 30 23.5	+19.324	−0.136	80.8	6 obs.[2]	28 190
667	9.2	2 3.77	3.2459	0.0207	25 54 15.5	19.323	0.135	87.9	1238 1487 1488	25 173*
668	9.5	2 20.83	3.2635	0.0224	28 2 29.6	19.317	0.136	85.9	715 1645	27 179*
669	9.0	2 21.40	3.2597	0.0220	27 33 20.2	19.317	0.136	79.9	153 529 619 1489	27 180
670	8.2	2 26.91	3.2763	0.0236	29 33 29.0	19.314	0.137	80.7	716 721 810 878	29 183
671	8.4	1 2 32.31	+3.2785	+0.0238	+29 46 45.1	+19.312	−0.137	80.9	718 882	29 184
672	8.4	3 10.73	3.2660	0.0224	28 2 4.4	19.297	0.138	80.2	619 715 723 883	27, 181
673	8.9	3 18.67	3.2611	0.0219	27 22 35.9	19.294	0.138	80.3	5 obs.[3]	27 182
674	9.0	3 30.00	3.2767	0.0234	29 12 10.7	19.289	0.139	80.9	719 812 879	29 185
675	6.1	3 32.75	3.2413	0.0199	24 47 41.6	19.288	0.138	85.7	5 obs.[4]	*24 186*
676	9.0	1 3 34.67	+3.2654	+0.0222	+27 48 38.4	+19.287	−0.139	83.3	718 810 1428	27 183
677	9.2	3 46.69	3.2475	0.0206	25 31 13.8	19.283	0.139	87.6	1332 1334 1497	25 180*
678	9.0	3 51.50	3.2774	0.0235	29 9 4.0	19.281	0.140	82.9	886 887 1038 1041	29 187
679	8.0	3 54.07	3.2614	0.0219	27 12 5.6	19.280	0.139	82.2	619 1036 1039	27 185
680	9.2	3 54.38	3.2540	0.0211	26 17 4.1	19.280	0.139	86.9	1326 1330	26 191*
681	9.0	1 3 56.34	+3.2443	+0.0202	+25 3 28.0	+19.279	−0.139	77.3	159 621 625	24 187
682	9.1	4 8.83	3.2632	0.0219	27 21 15.2	19.274	0.139	87.9	1427 1429	27 186*
683	8.3	4 17.44	3.2885	0.0243	30 17 5.6	19.270	0.141	82.6	716 1038 1043	*30 182*
684	9.2	4 24.51	3.2542	0.0210	26 8 26.1	19.267	0.140	87.9	1238 1487 1489	26 192*
685	8.7	4 30.51	3.2469	0.0203	25 11 28.7	19.265	0.140	79.2	169 625 879 882	25 185
686	8.9	1 4 38.36	+3.2576	+0.0213	+26 28 33.8	+19.262	−0.140	81.9	530 621 883 1488	26 195
687	9.3	4 39.89	3.2759	0.0231	28 40 48.7	19.261	0.141	83.9	1045 1048	28 194*
688	**4.0**	**4 46.81**	**3.2826**	**0.0237**	**29 25 31.5**	**19.259**	**0.142**		**Fund. Cat.**	**29 190**
689	9.3	5 0.33	3.2824	0.0236	29 19 10.3	19.253	0.142	81.9	718 1042	29 192
690	9.4	5 11.89	3.2774	0.0231	28 40 3.2	19.248	0.142	82.9	878 1049	28 195
691	8.5	1 5 14.76	+3.2684	+0.0222	+27 35 0.1	+19.247	−0.142	83.9	1034 1041 1047	27 189
692	8.5	5 25.89	3.2746	0.0227	28 14 43.9	19.242	0.143	83.9	629 1039 1050 1496	28 197
693	9.5	5 31.43	3.2814	0.0234	29 1 42.9	19.240	0.143	93.9	1869 1870	28 198
694	9.0	5 44.60	3.2683	0.0221	27 23 47.5	19.235	0.143	83.9	1036 1042 1048	27 190
695	9.1	5 47.98	3.2810	0.0233	28 51 43.8	19.233	0.144	80.7	629 718 882 883	28 199
696	9.4	1 5 52.90	+3.2776	+0.0230	+28 27 0.9	+19.231	−0.144	83.9	518 1332 1334	28 201
697	9.0	6 2.31	3.2521	0.0205	25 20 14.9	19.227	0.143	75.6	161 169 625	25 188
698	6.5	6 6.70	3.2866	0.0238	29 24 3.1	19.226	0.144	82.2	513 719 1487	29 195
699	8.7	6 16.93	3.2839	0.0234	29 2 9.9	19.221	0.145	82.9	716 1036 1043 1045	28 202
700	8.8	6 33.76	3.2669	0.0218	26 56 42.0	19.214	0.144	77.7	265 530 621 626	26 197

[1] Z. 149 716 720 722 879 882
[2] » 629 717 718 880 883 885
[3] Z. 529 720 810 811 879
[4] Z. 1147 1234 1235 1236 1237

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
701	8.0	1h 6m 33.88	+3.2492	+0.0201	+24° 47' 49.9	+19.214	−0.144	86.9	1237 1238 1488	24° 189
702	7.5	6 40.49	3.2854	0.0235	29 4 24.9	19.212	0.145	83.2	629 879 1489	28 204
703	8.5	6 40.83	3.2922	0.0242	29 50 7.2	19.211	0.147	81.3	5 obs.[1]	29 198
704	7.5	6 44.86	3.2577	0.0209	25 47 20.1	19.210	0.144	80.6	169 1038 1045	25 192
705	9.1	6 54.61	3.2680	0.0218	26 57 48.9	19.206	0.145	76.9	265 621	26 198
706	7.5	I 6 56.74	+3.2565	+0.0207	+25 34 54.0	+19.205	−0.145	82.7	5 obs.[2]	25 194
707	8.5	6 58.46	3.2640	0.0214	26 28 13.7	19.204	0.145	79.6	626 716 722	26 199
708	9.0	7 7.31	3.2854	0.0234	28 54 34.3	19.200	0.146	78.9	47 268 1490	28 205
709	9.2	7 7.77	3.2585	0.0208	25 45 33.4	19.200	0.145	88.9	1497	25 195*
710	9.1	7 9.53	3.2574	0.0207	25 36 58.5	19.199	0.145	85.0	1143 1145	25 196*
711	9.3	I 7 9.54	+3.2585	+0.0208	+25 44 59.5	+19.199	−0.145	87.4	1326 1429	— —
712	7.6	7 13.11	3.2766	0.0225	27 52 4.8	19.198	0.146	83.2	526 619 1430 1431	27 196
713	9.0	7 15.74	3.2771	0.0225	27 54 19.7	19.197	0.146	73.8	153	— —
714	8.4	7 18.53	3.2541	0.0204	25 9 59.9	19.196	0.146	80.3	161 625 1434	25 197
715	8.9	7 19.06	3.2896	0.0237	29 18 24.8	19.195	0.147	83.7	5 obs.[3]	29 199
716	9.2	I 7 19.77	+3.2790	+0.0227	+28 6 11.0	+19.195	−0.147	86.4	1234 1235 1236 1433	27 197*
717	7.5	7 26.83	3.2950	0.0242	29 52 46.1	19.192	0.148	79.6	6 obs.[4]	29 200
718	9.0	7 40.04	3.2683	0.0217	26 44 20.6	19.187	0.147	80.4	517 810 812 880	26 202
719	8.3	7 46.41	3.2743	0.0222	27 24 43.8	19.184	0.147	77.2	153 528 716	27 199
720	9.2	7 47.02	3.2562	0.0206	25 16 36.3	19.184	0.147	87.6	1332 1334 1496	25 198
721	8.4	I 7 58.83	+3.2610	+0.0210	+25 47 1.9	+19.179	−0.147	78.7	5 obs.[5]	25 200
722	8.4	8 8.51	3.2945	0.0240	29 34 28.9	19.174	0.149	80.0	721 723	29 203
723	8.9	8 18.76	3.2630	0.0210	25 55 14.6	19.170	0.148	84.3	625 1336 1337	25 201
724	9.1	8 28.45	3.2973	0.0242	29 46 10.1	19.166	0.150	87.6	1238 1427 1489	29 205*
725	8.9	8 29.48	3.2990	0.0244	29 56 57.5	19.165	0.150	85.3	5 obs.[6]	29 206
726	8.9	I 8 30.54	+3.2687	+0.0215	+26 31 24.2	+19.165	−0.148	77.2	265 530 621	26 206
727	9.1	9 6.09	3.3027	0.0245	30 8 14.4	19.150	0.151	86.9	1326 1330 1338	30 191*
728	9.4	9 7.31	3.2853	0.0230	28 18 20.8	19.149	0.150	75.2	48 268 518	28 210
729	7.0	9 16.22	3.2587	0.0205	25 6 29.9	19.145	0.150	78.9	161 169 625 1488	25 205
730	8.9	9 18.41	3.2832	0.0227	27 55 5.2	19.144	0.151	81.6	8 obs.	27 202
731	9.1	I 9 18.72	+3.2833	+0.0227	+27 56 12.7	+19.144	−0.151	79.9	528 723 878	— —
732	9.2	9 50.56	3.2661	0.0211	25 47 12.3	19.130	0.151	86.4	1234 1235 1236 1429	25 206*
733	9.1	9 52.34	3.2821	0.0225	27 36 25.7	19.129	0.152	80.9	721 722 882 883	27 203
734	9.5	9 55.23	3.2796	0.0222	27 18 32.1	19.128	0.152	82.0	885 886	27 204
735	9.1	9 59.65	3.2631	0.0208	25 23 54.7	19.126	0.151	86.0	1142 1143 1433	25 207*
736	9.0	I 9 59.95	+3.2788	+0.0222	+27 11 26.7	+19.126	−0.152	83.5	5 obs.[7]	27 205
737	7.9	10 10.54	3.2987	0.0239	29 19 53.7	19.122	0.153	82.2	149 1238 1333	29 209
738	8.3	10 11.69	3.2805	0.0222	27 19 28.1	19.121	0.152	81.9	6 obs.[8]	27 206
739	9.0	10 32.90	3.2666	0.0209	25 38 7.0	19.112	0.152	79.5	169 810 811 882	25 210
740	9.1	11 0.18	3.2781	0.0218	26 47 51.8	19.100	0.154	77.2	265 530 621	26 216
741	8.9	I 11 3.97	+3.2968	+0.0235	+28 50 0.9	+19.098	−0.155	81.2	268 518 629 1760	28 213
742	8.4	11 4.74	3.2827	0.0223	27 17 18.6	19.098	0.154	80.7	5 obs.[9]	27 207
743	7.8	11 18.62	3.2700	0.0211	25 47 31.8	19.091	0.154	82.2	625 1038 1047	25 211
744	9.2	11 19.70	3.3006	0.0238	29 9 37.5	19.091	0.156	89.5	1490 1535 1538	29 210*
745	8.3	11 26.84	3.2744	0.0214	26 14 39.0	19.088	0.155	78.4	267 879	26 217
746	9.0	I 11 29.82	+3.2990	+0.0236	+28 55 26.6	+19.086	−0.156	82.3	629 1041 1048	28 214
747	8.4	11 30.56	3.2674	0.0208	25 26 9.5	19.086	0.154	85.9	621 1761	25 212
748	8.8	11 34.16	3.2733	0.0213	26 5 9.9	19.084	0.155	83.9	1034 1042	25 213
749	9.1	11 38.23	3.2909	0.0229	28 0 50.8	19.083	0.155	88.9	1428 1536	27 209*
750	9.3	11 38.93	3.2934	0.0231	28 16 23.9	19.082	0.155	89.9	1533 1537	28 215*

[1] Z. 149 810 1034 1041 1042
[2] » 720 721 723 1142 1492
[3] » 811 887 1039 1043 1428
[4] Z. 149 513 717 878 882 883
[5] » 169 717 718 719 722
[6] » 149 1237 1487 1499 1500
[7] Z. 720 810 811 1430 1431
[8] » 716 718 719 1036 1043 1045
[9] » 528 718 719 883 1039

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
751	8.9	1h 11m 45s.91	+3s.3021	+0s.0238	+29° 9' 53".1	+19".079	−0".156	85.1	5 obs.[1]	29° 212
752	9.2	11 54.96	3.3057	0.0241	29 29 35.5	19.075	0.157	82.6	716 1043 1050	29 213
753	9.1	11 56.16	3.3025	0.0239	29 13 7.9	19.074	0.157	79.9	718 720	29 214
754	9.3	12 6.91	3.3035	0.0239	29 12 3.1	19.070	0.157	82.5	811 1048	29 215*
755	8.5	12 7.11	3.2953	0.0231	28 19 42.5	19.070	0.156	81.9	518 883 1038 1047	28 218
756	9.3	1 12 11.08	+3.2675	+0.0207	+25 14 16.6	+19.068	−0.158	79.9	721 810	25 214
757	8.4	12 24.11	3.2983	0.0233	28 33 32.4	19.062	0.158	80.4	629 879	28 219
758	**4.0**	**12 35.97**	**3.2809**	**0.0218**	**26 36 22.7**	**19.057**	**0.157**		**Fund. Cat.**	**26 220**
759	9.3	12 36.49	3.2851	0.0222	27 4 22.2	19.056	0.157	83.9	1036 1042 1045	26 219
760	9.2	12 36.97	3.2874	0.0223	27 18 43.1	19.056	0.157	81.9	528 1034 1043	27 212
761	9.0	1 13 22.20	+3.2719	+0.0209	+25 22 49.1	+19.035	−0.158	80.1	7 obs.	25 216
762	5.2	14 12.93	3.2992	0.0231	28 5 2.6	19.012	0.161	82.1	6 obs.[2]	27 215
763	8.9	14 16.03	3.3000	0.0231	28 8 50.8	19.011	0.162	81.7	518 879 882 1143	28 222
764	8.6	14 16.50	3.2814	0.0216	26 10 20.7	19.010	0.161	80.6	265 530 1490	26 221
765	9.0	14 19.76	3.3145	0.0243	29 37 41.9	19.009	0.162	76.9	149 716	29 219
766	8.9	1 14 22.23	+3.3003	+0.0231	+28 9 3.1	+19.008	−0.162	76.6	48 518 629	28 223
767	9.1	14 30.10	3.2964	0.0228	27 41 17.7	19.004	0.162	83.6	720 811 1538	27 216
768	9.2	14 31.79	3.2717	0.0207	25 2 11.0	19.003	0.161	87.6	1140 1428 1537	24 199*
769	9.0	14 49.26	3.2718	0.0207	24 57 24.0	18.995	0.161	75.6	161 169 621	24 201
770	8.6	15 7.24	3.2814	0.0214	25 55 39.5	18.987	0.162	77.9	169 718 719	25 224
771	9.5	1 15 14.47	+3.2778	+0.0210	+25 29 16.5	+18.982	−0.162	81.9	878 880 885	25 225
772	9.0	15 22.22	3.2812	0.0213	25 49 26.9	18.980	0.163	78.9	5 obs.[3]	25 226
773	9.4	15 28.02	3.2859	0.0217	26 17 20.9	18.977	0.163	84.6	883 886 1536	26 224*
774	9.0	15 28.09	3.3144	0.0241	29 15 28.3	18.977	0.164	80.5	149 513 1533	29 222
775	9.0	15 30.51	3.2828	0.0214	25 57 35.4	18.976	0.163	80.0	720 722 723	25 227
776	8.2	1 15 30.76	+3.3042	+0.0232	+28 11 54.2	+18.976	−0.164	82.4	268 1535	28 225
777	9.4	15 34.38	3.2859	0.0217	26 16 12.2	18.974	0.163	82.0	883 886 887	26 225
778	8.1	15 45.53	3.2828	0.0214	25 54 27.2	18.969	0.163	82.3	8 obs.	25 228
779	9.4	15 48.82	3.3181	0.0244	29 31 21.1	18.967	0.165	88.9	1488 1493	29 223*
780	8.7	15 52.94	3.3085	0.0235	28 32 9.6	18.965	0.165	75.2	48 268 518	28 227
781	9.1	1 16 6.79	+3.2762	+0.0208	+25 4 16.8	+18.958	−0.164	87.4	1333 1431	24 207*
782	9.2	16 24.65	3.3199	0.0244	29 30 39.9	18.950	0.167	88.6	1434 1487 1500	29 224*
783	9.1	16 25.26	3.2931	0.0221	26 46 30.5	18.950	0.166	87.6	1332 1334 1490	26 226*
784	8.5	16 27.54	3.2953	0.0223	26 59 43.0	18.949	0.166	76.9	265 517 530	26 227
785	8.7	16 36.31	3.3285	0.0251	30 17 40.9	18.944	0.167	80.2	149 513 1492	*30 213*
786	9.2	1 16 48.23	+3.3215	+0.0244	+29 33 1.1	+18.939	−0.168	87.6	1336 1337 1498	29 225*
787	9.2	16 55.51	3.3129	0.0236	28 39 18.2	18.935	0.168	88.5	1427 1483 1485	28 229*
788	9.1	16 58.30	3.3098	0.0233	28 19 43.2	18.934	0.167	78.9	48 268 1489	28 230
789	8.1	17 0.36	3.2803	0.0210	25 16 20.8	18.933	0.166	75.6	161 169 625	25 232
790	9.2	17 0.38	3.2825	0.0211	25 29 48.0	18.933	0.166	85.0	1142 1143 1145	25 233*
791	9.5	1 17 12.24	+3.3301	+0.0250	+30 15 44.5	+18.927	−0.168	93.9	1870 1871	30 215
792	8.9	17 22.68	3.2888	0.0215	26 3 59.5	18.922	0.167	88.6	719 1761 1763	25 234
793	8.6	17 30.07	3.2975	0.0223	26 55 39.9	18.919	0.168	76.9	265 517 530	26 231
794	8.6	17 30.62	3.3200	0.0241	29 11 20.1	18.919	0.169	91.7	1537 1645 1647 1760	29 229
795	9.2	17 48.45	3.2808	0.0209	25 6 0.8	18.910	0.168	74.0	169	25 236*
796	8.2	1 17 52.71	+3.3111	+0.0234	+28 12 16.9	+18.908	−0.169	80.6	7 obs.	28 234
797	8.7	18 0.20	3.3077	0.0230	27 49 1.9	18.904	0.169	80.9	10 obs.	27 223
798	9.3	18 8.76	3.3326	0.0251	30 12 59.9	18.900	0.170	88.0	1433	— —
799	8.5	18 11.92	3.2893	0.0215	25 52 59.8	18.898	0.168	80.6	6 obs.[4]	25 238
800	7.7	18 14.81	3.3094	0.0231	27 55 10.2	18.897	0.169	82.1	5 obs.[5]	27 225

[1] Z. 1039 1045 1137 1138 1429
[2] » 528 629 883 1036 1137 1138
[3] Z. 161 625 717 721 879
[4] » 716 720 722 723 878 882
[5] Z. 720 721 811 1137 1138

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
801	9.0	$1^h\ 18^m\ 35^s.72$	+3ˢ.3101	+0ˢ.0231	+27° 53′ 21″.0	+18″.887	−0″.170	82.9	879 880 1034 1036	27° 227
802	8.5	18 47.15	3.2932	0.0218	26 13 46.4	18.881	0.170	78.3	517 530 627	26 233
803	9.1	18 48.24	3.3259	0.0244	29 22 28.4	18.880	0.172	79.4	149 718 883 886	29 233
804	9.1	18 52.13	3.3009	0.0223	26 53 25.3	18.879	0.171	86.2	1235 1236 1237 1338	26 235*
805	8.9	18 54.32	3.3065	0.0227	27 25 59.3	18.877	0.171	80.0	528 723 885	27 228
806	8.8	1 18 56.99	+3.2879	+0.0212	+25 32 6.1	+18.876	−0.170	78.9	161 169 621 1488	25 240
807	9.5	19 3.16	3.3046	0.0224	27 2 30.6	18.873	0.171	78.4	265 878	26 236*
808	9.5	19 42.89	3.3065	0.0224	27 2 20.0	18.853	0.172	76.9	265 517 530	26 237
809	8.2	19 45.30	3.3035	0.0224	26 54 1.6	18.852	0.173	82.0	625 887 1145	26 238
810	9.1	19 46.97	3.3263	0.0242	29 6 41.5	18.851	0.174	78.4	149 513 717 883	29 237
811	9.1	1 19 48.64	+3.2987	+0.0220	+26 24 8.1	+18.850	−0.172	86.0	1142 1143 1433	26 240*
812	6.9	19 49.67	3.3007	0.0221	26 35 51.7	18.850	0.173	79.2	163 164 626 1538	26 239
813	9.2	19 50.03	3.3139	0.0232	27 54 16.2	18.850	0.174	79.0	528 722	27 229
814	8.5	19 59.54	3.3038	0.0223	26 51 26.2	18.845	0.173	90.4	1428 1760	26 241
815	8.0	20 0.90	3.2939	0.0216	25 51 44.7	18.845	0.172	75.6	161 169 621	25 246
816	8.9	1 20 9.27	+3.3087	+0.0227	+27 18 9.0	+18.840	−0.173	79.9	716 720 721	27 231
817	7.0	20 13.55	3.2841	0.0207	24 47 24.4	18.838	0.172	86.6	1234 1330 1333	*24 212*
818	9.5	20 16.56	3.3060	0.0224	27 0 3.0	18.837	0.174	80.3	530 811 878	26 242
819	8.5	20 20.04	3.3047	0.0223	26 51 25.8	18.835	0.174	80.1	7 obs.	26 243
820	7.5	20 21.77	3.3281	0.0242	29 7 21.3	18.834	0.175	80.5	5 obs.[1]	29 239
821	9.2	1 20 25.89	+3.3110	+0.0228	+27 26 51.4	+18.832	−0.174	86.6	1240 1336 1337	27 232*
822	9.1	20 28.56	3.2859	0.0208	24 55 13.0	18.830	0.173	86.2	1140 1332 1334	*24 215*
823	9.1	20 28.71	3.2881	0.0210	25 8 41.1	18.830	0.173	87.3	1238 1427 1434	25 247*
824	8.3	20 30.31	3.3364	0.0248	29 51 41.1	18.830	0.176	79.9	5 obs.[2]	29 240
825	8.0	21 1.59	3.2883	0.0209	25 1 58.8	18.814	0.174	75.6	161 169 621	24 217
826	9.2	1 21 7.27	+3.2892	+0.0210	+25 5 22.1	+18.811	−0.174	87.1	5 obs.[3]	24 218*
827	7.4	21 19.37	3.3394	0.0249	29 54 38.7	18.805	0.178	81.9	149 883 1138 1338	29 243
828	9.1	21 19.74	3.3237	0.0236	28 25 33.2	18.805	0.177	78.6	48 268 518 1498	28 239
829	9.4	21 55.91	3.3387	0.0248	29 39 57.8	18.786	0.179	80.2	149 513 1488	29 245
830	8.7	22 13.35	3.3082	0.0223	26 41 12.8	18.777	0.177	78.5	5 obs.[4]	26 247
831	9.0	1 22 22.37	+3.3370	+0.0245	+29 22 58.6	+18.773	−0.179	87.2	1234 1330 1489	29 248*
832	8.4	22 27.16	3.3499	0.0252	30 15 0.6	18.770	0.180	86.3	1142 1143 1490	30 230
833	9.5	22 28.71	3.3335	0.0242	29 1 31.1	18.770	0.179	83.9	268 1433 1493	28 241
834	8.5	22 31.50	3.3323	0.0241	28 53 52.2	18.768	0.179	74.9	48 159 518	28 242
835	9.0	22 51.78	3.3473	0.0252	30 9 27.6	18.758	0.181	83.9	513 1332 1334	30 234
836	9.0	1 22 57.33	+3.3414	+0.0247	+29 36 59.8	+18.755	−0.181	86.9	1144 1145 1496 1499	29 251*
837	8.5	23 6.38	3.3405	0.0246	29 30 13.3	18.751	0.181	87.6	5 obs.[5]	29 252*
838	8.2	23 8.83	3.3146	0.0226	27 3 29.0	18.749	0.179	77.3	265 530 626	26 248
839	8.6	23 9.04	3.3338	0.0241	28 51 43.8	18.749	0.180	75.6	159 268 518	28 244
840	8.1	23 11.21	3.3230	0.0233	27 50 53.5	18.748	0.180	86.5	5 obs.[6]	27 236
841	8.6	1 23 36.29	+3.3059	+0.0219	+26 6 16.0	+18.735	−0.180	75.6	161 169 621	25 256
842	9.0	23 38.90	3.3086	0.0221	26 21 15.7	18.733	0.180	75.2	163 164 517	26 249
843	9.2	23 41.40	3.3169	0.0227	27 8 7.7	18.732	0.180	86.0	1139 1338	27 237*
844	7.0	23 45.32	3.2978	0.0212	25 16 0.2	18.730	0.180	79.2	161 169 1536	25 258
845	8.1	23 45.76	3.3023	0.0216	25 42 12.7	18.730	0.180	81.1	7 obs.	25 257
846	9.4	1 23 46.20	+3.3502	+0.0250	+29 54 5.9	+18.729	−0.182	86.9	883 1645	29 253*
847	8.4	23 56.50	3.3040	0.0216	25 50 0.7	18.724	0.181	80.1	621 717 719 878	25 259
848	9.5	24 4.56	3.3390	0.0244	29 5 2.3	18.720	0.182	80.9	48 1498	28 248
849	7.3	24 19.01	3.3362	0.0241	28 46 13.1	18.712	0.183	77.9	52 159 268 1539	28 249
850	9.4	24 22.31	3.3139	0.0224	26 39 40.6	18.711	0.182	74.9	265	26 251*

[1] Z. 149 721 723 811 1429
[2] » 513 716 717 718 886
[3] Z. 1235 1236 1237 1483 1485
[4] » 163 164 517 530 1487
[5] Z. 1238 1240 1431 1434 1541
[6] » 1140 1235 1236 1237 1533

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
851	8.0	$1^h\ 24^m\ 45^s.24$	+3s.3510	+0s.0252	+29° 58' 50".9	+18".698	−0".184	78.6	6 obs.[1]	29° 256
852	9.3	24 45.66	3.3265	0.0233	27 44 46.6	18.698	0.183	86.6	1234 1332 1334	27 241
853	9.0	24 48.59	3.3186	0.0227	27 0 5.8	18.697	0.183	75.2	163 164 517	26 252
854	9.5	25 2.60	3.3135	0.0223	26 27 27.4	18.689	0.183	73.9	163	— —
855	9.5	25 8.43	3.3536	0.0253	30 6 31.2	18.687	0.185	93.9	1870 1874	30 238
856	9.0	1 25 36.36	+3.3429	+0.0244	+29 1 10.0	+18.671	−0.186	73.9	48 268	28 250
857	9.0	25 37.55	3.3428	0.0244	29 0 29.3	18.671	0.186	75.0	268	— —
858	9.4	25 46.25	3.3179	0.0224	26 40 56.3	18.666	0.185	77.3	265 530 625	26 253
859	8.5	25 55.91	3.3160	0.0222	26 26 49.8	18.661	0.185	76.4	164 621	26 254
860	8.9	25 59.91	3.3109	0.0219	25 58 11.7	18.659	0.185	75.3	161 169 533	25 263
861	9.5	1 26 5.84	+3.3218	+0.0227	+26 58 1.9	+18.656	−0.186	85.5	517 1490 1538	26 255
862	8.8	26 10.01	3.3139	0.0229	26 11 54.3	18.654	0.185	85.3	530 1496 1498	26 256
863	8.8	26 10.67	3.3256	0.0229	27 17 48.9	18.653	0.186	84.2	529 1138 1533	27 244
864	9.0	26 16.63	3.3417	0.0241	28 44 18.7	18.650	0.187	74.4	159 269	28 252
865	8.5	26 16.67	3.3474	0.0246	29 14 41.0	18.650	0.188	80.2	7 obs.	29 258
866	8.9	1 26 18.81	+3.3137	+0.0220	+26 9 26.9	+18.649	−0.186	80.4	164 517 1144 1145	26 257
867	8.8	26 18.93	3.3405	0.0240	28 37 25.0	18.649	0.187	76.6	52 518 629	28 253
868	8.0	26 36.05	3.3541	0.0250	29 44 48.2	18.639	0.188	79.0	343 719 720 722	29 260
869	9.1	26 38.70	3.3525	0.0247	29 20 11.9	18.638	0.188	81.3	720 885 886	29 259
870	9.5	26 48.14	3.3283	0.0230	27 23 9.1	18.633	0.188	88.4	1333 1541	27 245*
871	9.1	1 26 48.49	+3.3427	+0.0241	+28 41 6.7	+18.633	−0.188	87.3	1234 1240 1539	28 254*
872	9.1	26 55.93	3.3122	0.0218	25 51 34.6	18.629	0.187	73.9	161 169	25 264
873	9.4	27 7.55	3.3016	0.0211	24 48 29.0	18.623	0.187	86.9	1332	*24 232**
874	8.8	27 8.86	3.3214	0.0224	26 39 23.8	18.622	0.188	75.9	5 obs.[2]	26 259
875	9.3	27 38.73	3.3180	0.0220	25 58 54.4	18.606	0.188	77.9	517	— —
876	8.7	1 27 48.82	+3.3447	+0.0241	+28 35 53.0	+18.600	−0.190	73.9	48 159 269	28 257
877[3]	9.1	27 49.20	3.3488	0.0244	28 56 51.0	18.600	0.191	85.6	1142 1143 1338	28 258*
878	8.1	28 2.27	3.3438	0.0240	28 27 35.3	18.593	0.190	76.9	268 518 527	28 259
879	9.3	28 3.84	3.3631	0.0254	30 7 52.3	18.592	0.192	93.9	1872 1875	30 243
880	9.3	28 4.39	3.3038	0.0210	24 47 44.5	18.592	0.189	85.9	1236	— —
881	9.2	1 28 14.79	+3.3626	+0.0253	+30 1 50.3	+18.586	−0.193	79.4	8 obs.	29 265
882	9.5	28 15.19	3.3071	0.0212	25 3 43.4	18.586	0.189	73.9	161 169	— —
883	9.0	28 16.05	3.3371	0.0234	27 48 7.9	18.585	0.191	82.9	528 529 1330 1493	27 247
884	8.6	28 23.39	3.3642	0.0254	30 8 3.5	18.581	0.193	92.9	1760 1761	30 245
885	7.4	28 30.04	3.3316	0.0220	26 2 43.8	18.578	0.190	83.8	621 1483	25 265
886	9.0	1 28 38.40	+3.3480	+0.0239	+28 25 15.7	+18.573	−0.192	75.2	6 obs.[4]	28 261
887	7.3	28 39.30	3.3362	0.0233	27 37 44.0	18.572	0.191	82.6	528 1144 1145	27 248
888	8.8	29 1.27	3.3205	0.0221	26 7 14.7	18.560	0.191	75.6	6 obs.[5]	26 264
889	9.4	29 12.15	3.3609	0.0250	29 38 21.4	18.554	0.194	79.5	5 obs.[6]	29 266
890	8.1	29 23.50	3.3268	0.0225	26 35 37.8	18.548	0.192	76.6	6 obs.[7]	26 265
891	9.0	1 29 29.35	+3.3073	+0.0211	+24 47 51.8	+18.545	−0.192	86.3	5 obs.[8]	*24 237*
892	9.3	29 36.07	3.3665	0.0254	29 59 34.9	18.541	0.195	86.0	1240	29 268*
893	8.2	29 37.41	3.3524	0.0243	28 47 48.2	18.540	0.194	75.7	5 obs.[9]	28 267
894	9.0	29 39.36	3.3145	0.0216	25 25 8.4	18.539	0.192	78.7	161 169 533 1488	25 267
895	9.0	29 59.33	3.3572	0.0246	29 6 51.2	18.528	0.195	75.9	338	29 269*
896	8.9	1 30 8.89	+3.3311	+0.0226	+26 47 44.7	+18.523	−0.194	78.1	5 obs.[10]	26 268
897	9.4	30 10.84	3.3366	0.0230	27 17 6.6	18.522	0.194	80.6	718 720 885	27 253
898	9.0	30 16.06	3.3689	0.0254	30 2 21.3	18.519	0.197	85.9	1234 1238	29 270
899	9.1	30 18.32	3.3345	0.0229	27 4 0.8	18.517	0.195	77.2	163 517 530 626	26 270
900	9.0	30 22.49	3.3574	0.0245	29 2 37.1	18.515	0.196	78.9	149 722 723 886	28 270*

[1] Z. 149(2) 720 723 883 886
[2] » 163 164 265 530 626
[3] South preceding
[4] Z. 48 52 159 268 527 629
[5] Z. 163 164 265 341 342 627
[6] » 149 716 721 880 882
[7] » 163 164 341 530 626 627
[8] Z. 1138 1235 1236 1237 1487
[9] » 48 159 269 518 629
[10] » 164 265 342 627 1338

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
901	9.1	1h 30m 34s.94	+3s.3684	+0s.0253	+29° 54′ 52″.8	+18″.508	—0″.197	85.9	1142 1143 1332 1334	29° 271*
902	9.3	30 45.48	3.3409	0.0233	27 31 25.6	18.502	0.196	80.4	529 723 880 882	27 256
903	8.0	30 58.70	3.3162	0.0215	25 15 59.3	18.495	0.195	78.7	161 168 533 1493	25. 269
904	8.1	30 58.86	3.3725	0.0255	30 9 6.0	18.495	0.198	78.6	149 338 343 1489	30 252
905	9.3	31 5.08	3.3476	0.0237	28 1 37.0	18.491	0.197	81.7	528 718 722 1498	27 258
906	8.8	1 31 18.57	+3.3604	+0.0245	+28 56 17.3	+18.484	—0.198	74.4	48 52 159 527	28 271
907	9.0	31 23.76	3.3319	0.0224	26 19 53.4	18.481	0.197	76.5	5 obs.[1]	26 273
908	8.5	31 27.58	3.3509	0.0239	28 12 31.2	18.478	0.198	76.1	5 obs.[2]	28 273
909	8.8	31 51.43	3.3246	0.0219	25 48 40.1	18.465	0.198	75.0	161 168 169 533	25 271
910	8.8	31 52.53	3.3268	0.0221	26 0 29.4	18.464	0.198	79.9	341 342 626 1485	25 272
911	9.5	1 31 57.26	+3.3271	+0.0221	+26 1 13.6	+18.462	—0.198	76.0	342	— —
912	9.2	32 3.59	3.3395	0.0229	27 4 26.1	18.458	0.198	93.0	1760 1763	26 274
913	9.0	32 3.87	3.3675	0.0250	29 27 16.2	18.458	0.200	84.9	719 1645	29 277*
914	9.1	32 10.63	3.3309	0.0223	26 17 56.0	18.454	0.198	79.3	341 722 879	26 276
915	9.1	32 11.30	3.3258	0.0220	25 50 30.1	18.454	0.198	73.9	161 169	— —
916	7.2	1 32 14.68	+3.3405	+0.0230	+27 7 18.6	+18.452	—0.198	79.4	528 717 721 723	27 261
917	9.0	32 28.68	3.3345	0.0225	26 32 31.2	18.444	0.199	76.4	163 164 621 627	26 278
918	7.8	32 31.55	3.3453	0.0233	27 28 12.1	18.442	0.199	79.9	529 716 717 882	27 262
919	8.4	32 37.55	3.3691	0.0250	29 27 2.9	18.439	0.201	80.8	6 obs.[3]	29 279
920	9.0	32 50.40	3.3735	0.0253	29 45 30.9	18.431	0.202	81.6	338 716 878 1487	29 280
921	8.9	1 32 51.99	+3.3752	+0.0253	+29 53 38.0	+18.430	—0.202	82.7	343 886 1034 1488	29 281
922	8.7	33 1.00	3.3492	0.0235	27 41 31.0	18.425	0.201	81.7	528 720 723 1490	27 264
923	8.7	33 3.33	3.3281	0.0220	25 50 52.6	18.424	0.200	77.0	161 169 533 887	25 274
924	8.3	33 16.79	3.3533	0.0237	27 57 57.0	18.416	0.202	81.2	529 878 1039	27 266
925	9.4	33 27.78	3.3695	0.0249	29 16 28.7	18.410	0.203	80.4	343 880 882 885	29 284
926	9.0	1 33 39.92	+3.3673	+0.0246	+29 2 38.7	+18.403	—0.203	75.2	6 obs.[4]	28 277
927	9.1	33 42.82	3.3422	0.0229	26 55 33.8	18.401	0.201	84.9	1138 1142 1143	26 279*
928	8.8	34 0.42	3.3480	0.0233	27 21 6.0	18.391	0.202	79.9	528 716 720 886	27 269
929	8.7	34 10.41	3.3544	0.0237	27 50 54.8	18.385	0.203	86.0	529 723 1761 1762	27 270
930	9.0	34 11.62	3.3622	0.0242	28 30 6.4	18.384	0.204	74.5	5 obs.[5]	28 280
931	6.3	1 34 20.32	+3.3229	+0.0215	+25 6 48.7	+18.379	—0.202	78.7	161 169 533 1489	25 276
932	6.0	34 35.70	3.3746	0.0250	29 24 50.6	18.370	0.205	80.1	5 obs.[6]	29 286
933	8.5	34 38.76	3.3457	0.0230	27 2 52.7	18.368	0.204	93.7	1760 1871 1872 1874	26 281
934	8.9	34 42.10	3.3337	0.0222	25 58 2.4	18.366	0.203	78.1	7 obs.	25 278
935	8.6	34 48.87	3.3519	0.0234	27 29 33.7	18.362	0.204	81.9	5 obs.[7]	27 271
936	8.6	1 34 50.12	+3.3633	+0.0242	+28 26 1.0	+18.362	—0.205	80.9	269 629 1493	28 281
937	8.9	34 53.37	3.3324	0.0220	25 48 48.9	18.360	0.204	78.0	168 720 721	25 279
938	9.0	34 55.41	3.3291	0.0218	25 31 11.8	18.359	0.204	79.9	6 obs.[8]	25 280
939	7.5	35 3.02	3.3693	0.0246	28 52 23.7	18.354	0.206	75.4	159 268 269 527	28 282
940	8.3	35 4.10	3.3767	0.0251	29 27 49.1	18.354	0.206	75.9	338 343	29 288
941	9.5	1 35 17.49	+3.3389	+0.0224	+26 16 38.0	+18.346	—0.205	73.9	164	— —
942	8.8	36 3.78	3.3718	0.0245	28 49 56.3	18.318	0.208	76.5	5 obs.[9]	28 285
943	9.1	36 15.19	3.3552	0.0233	27 25 42.0	18.312	0.207	75.4	58 59 528 529	27 274
944	9.2	36 20.59	3.3268	0.0214	25 0 28.7	18.308	0.206	85.6	1142 1143 1337	24 252*
945	9.3	36 38.60	3.3471	0.0228	26 40 38.7	18.297	0.208	86.3	5 obs.[10]	26 284*
946	9.1	1 37 0.95	+3.3710	+0.0243	+28 33 12.6	+18.284	—0.210	74.6	48 52 527	28 286
947	9.3	37 26.11	3.3694	0.0241	28 19 13.1	18.269	0.210	87.2	1234 1333 1338 1490	28 288*
948	9.5	37 35.93	3.3314	0.0216	25 8 18.8	18.263	0.208	77.7	161 168 169 1488	25 285
949	9.3	37 43.16	3.3731	0.0242	28 19 11.3	18.259	0.210	86.2	1144 1145 1485	28 289*
950	7.7	37 48.66	3.3645	0.0237	27 49 44.8	18.255	0.211	75.0	5 obs.[11]	27 277

[1] Z. 163 164 265 530 879
[2] » 159 268 269 518 629
[3] » 149 719 811 880 885 1240
[4] » 48 52 159 268 527 629
[5] Z. 48 52 159 268 527
[6] » 149 338 343 1240 1498
[7] » 718 722 887 1034 1039
[8] » 161 719 723 882 885 886
[9] Z. 48 52 159 268 1434
[10] » 1138 1235 1236 1237 1487
[11] » 58 59 61 528 529

Nr.	Mag.	R.A. 1875	P rec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
951	7.4	1h 37m 49.83	+3.3323	+0.0217	+25° 10′ 8.8	+18.255	−0.209	77.7	161 168 169 1499	25° 288
952	9.1	37 52.74	3.3455	0.0225	26 15 35.7	18.253	0.210	77.9	163 164 341 1427	26 286
953	9.2	37 58.77	3.3477	0.0226	26 25 3.4	18.249	0.210	87.9	1238 1492 1493	26 287*
954	7.9	38 3.51	3.3683	0.0240	28 5 26.6.	18.246	0.211	75.3	5 obs.[1]	28 292
955	9.1	38 4.56	3.3414	0.0222	25 52 21.4	18.246	0.210	80.7	5 obs.[2]	25 290
956	9.1	1 38 8.67	+3.3626	+0.0236	+27 36 36.4	+18.243	−0.211	87.7	5 obs.[3]	27 278*
957	8.7	38 12.87	3.3527	0.0229	26 47 15.8	18.241	0.211	76.3	163 342 626	26 288
958	9.0	38 30.92	3.3642	0.0236	27 39 38.7	18.230	0.213	74.5	59 61 166 528	27 279
959	8.4	38 33.15	3.3500	0.0227	26 29 30.3	18.229	0.211	78.0	342 625 627	26 290
960	9.2	38 33.95	3.3855	0.0250	29 19 42.4	18.228	0.213	79.9	338 343 1434	29 295
961	9.0	1 38 36.44	+3.3482	+0.0225	+26 19 17.3	+18.227	−0.211	76.3	164 341 621	26 291
962	8.6	38 50.30	3.3421	0.0221	25 46 20.7	18.218	0.212	75.0	161 168 169 533	25 293
963	8.7	38 57.18	3.3765	0.0244	28 32 11.7	18.214	0.214	73.9	52 159 269	28 293
964	9.0	39 6.92	3.3976	0.0258	30 8 11.3	18.208	0.215	80.6	721 722 887	30 272
965	9.1	39 7.70	3.3624	0.0234	27 22 17.4	18.207	0.213	86.3	1142 1143 1489	27 280*
966	8.7	1 39 24.84	+3.3828	+0.0247	+28 55 28.4	+18.197	−0.215	77.5	5 obs.[4]	28 294
967	9.0	39 25.16	3.3833	0.0248	28 58 3.6	18.197	0.215	81.9	268 1488	28 295
968	8.3	39 32.37	3.3993	0.0259	30 10 0.8	18.192	0.216	80.0	5 obs.[5]	30 273
969	8.7	39 33.42	3.3915	0.0253	29 34 3.9	18.192	0.216	81.3	720 723 1034	29 300
970	8.9	39 35.95	3.3840	0.0248	28 59 8.3	18.190	0.216	77.4	268 522 527 629	28 297
971	8.1	1 39 47.16	+3.3387	+0.0217	+25 17 44.2	+18.183	−0.213	74.7	62 161 169 533	25 295
972	9.1	39 55.40	3.3987	0.0257	30 1 57.5	18.178	0.217	79.9	5 obs.[6]	29 302
973	7.0	40 3.86	3.3424	0.0219	25 32 33.3	18.173	0.214	78.9	168 533 1138	25 297
974	9.0	40 14.65	3.3461	0.0221	25 48 23.3	18.166	0.214	85.9	1144 1145 1334 1337	25 298
975	9.2	40 20.99	3.3517	0.0225	26 14 18.6	18.162	0.215	84.7	621 1234 1238 1434	26 294*
976	9.2	1 40 27.13	+3.3605	+0.0230	+26 55 41.9	+18.159	−0.216	76.2	163 341 342 627	26 297
977	8.4	40 38.96	3.3728	0.0239	27 51 40.5	18.151	0.217	73.2	58 59 61 166	27 282
978	9.1	40 44.84	3.3677	0.0234	27 26 35.8	18.148	0.217	79.5	528 529 723 885	27 283
979	8.8	40 56.50	3.3663	0.0234	27 17 32.5	18.140	0.217	82.2	719 720 721 1498	27 284
980	9.4	40 57.44	3.4045	0.0259	30 13 59.9	18.140	0.220	82.9	8 obs.	30 278*
981	9.3	1 41 3.62	+3.3366	+0.0215	+24 51 37.4	+18.136	−0.215	86.6	1237 1333 1338	*24 263**
982	8.5	41 16.15	3.3468	0.0228	25 37 50.4	18.128	0.216	77.7	161 168 169 1493	25 303
983	8.3	41 21.21	3.4046	0.0258	30 9 18.4	18.125	0.221	81.3	723 724 1039	30 280
984	8.7	41 23.24	3.3872	0.0246	28 49 38.4	18.124	0.220	75.1	5 obs.[7]	28 300
985	9.3	41 35.54	3.3985	0.0254	29 38 1.2	18.116	0.221	82.7	811 887 1034 1043	29 305
986	9.2	1 41 47.96	+3.3812	+0.0243	+28 16 16.7	+18.108	−0.220	77.1	48 52 159 1488	28 301
987	9.5	41 50.92	3.3511	0.0223	25 52 56.1	18.106	0.218	81.0	169 1434	25 304
988	8.9	41 51.95	3.3998	0.0257	29 53 46.5	18.106	0.222	79.3	343 724 886	29 307
989	9.0	42 5.59	3.3737	0.0237	27 37 15.7	18.097	0.220	73.2	58 59 61 166	27 286
990	6.7	42 26.53	3.3522	0.0223	25 50 59.9	18.084	0.219	77.4	5 obs.[8]	25 305
991	8.4	1 42 27.80	+3.3805	+0.0240	+28 4 13.7	+18.083	−0.221	86.2	1142 1143 1485	27 287
992	8.3	42 35.37	3.3682	0.0233	27 5 1.5	18.079	0.220	79.1	7 obs.	26 301
993	8.1	42 55.80	3.3445	0.0217	25 7 30.1	18.065	0.220	76.0	168 169 721	25 307
994	8.8	42 56.47	3.3455	0.0218	25 11 49.6	18.065	0.220	83.9	952 1039 1045 1047	25 308
995	8.0	42 56.62	3.3661	0.0231	26 50 34.6	18.065	0.221	77.6	163 625 720	26 303
996	9.2	1 42 59.68	+3.3611	+0.0227	+26 26 20.2	+18.063	−0.220	86.6	627 1487 1645	26 304
997	9.3	43 0.16	3.3615	0.0227	26 28 36.6	18.063	0.220	76.0	342	26 305
998	9.3	43 0.71	3.3615	0.0227	26 28 54.1	18.062	0.220	80.9	342 1234	
999	8.3	43 2.32	3.3923	0.0248	28 50 40.2	18.061	0.223	74.6	159 268 269	28 304
1000	9.4	43 2.70	3.4102	0.0259	30 7 50.1	18.061	0.224	83.9	1048	30 284*

[1] Z. 48 52 268 522 527
[2] » 533 720 880 882 885
[3] » 1237 1240 1494 1496 1498
[4] Z. 48 159 269 629 1338
[5] » 343 719 724 886 887
[6] » 338 720 721 880 882
[7] Z. 48 52 159 522 527
[8] » 62 161 533 724 882

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1001	8.3	1h 43m 9.s44	+3.s3611	+0.s0227	+26° 24′ 42.″4	+18.″057	−0.″220	83.3	886 1041 1049	26° 307
1002	9.0	43 10.21	3.3859	0.0243	28 20 13.2	18.056	0.222	72.9	48	28 306
1003	9.2	43 10.44	3.3624	0.0228	26 30 28.2	18.056	0.221	86.9	1145 1333 1338 1492	26 306*
1004	8.0	43 15.48	3.4108	0.0260	30 10 58.6	18.053	0.225	81.9	723 887 1042	30 287
1005	8.1	43 19.42	3.4124	0.0261	30 17 12.1	18.051	0.225	85.0	718 952 1427 1499	*30 288*
1006	8.6	1 43 27.92	+3.4069	+0.0257	+29 51 3.9	+18.045	−0.225	82.3	343 1043 1334	29 309
1007	8.8	43 28.67	3.3736	0.0234	27 18 48.2	18.045	0.222	74.6	58 59 529	27 288
1008	8.7	43 29.12	3.3866	0.0243	28 19 2.5	18.044	0.223	77.1	5 obs.[1]	28 308
1009	9.2	43 34.60	3.3741	0.0234	27 19 56.1	18.041	0.222	86.4	1047 1489	27 289
1010	9.2	43 41.82	3.3863	0.0243	28 15 20.7	18.036	0.224	83.8	1034 1760	28 309
1011	9.3	1 43 44.47	+3.4052	+0.0255	+29 39 43.0	+18.034	−0.225	82.0	885	29 311*
1012	9.2	43 46.50	3.3457	0.0216	25 3 37.4	18.033	0.222	87.4	1237 1490	24 266*
1013	9.3	43 57.57	3.4062	0.0255	29 41 7.7	18.026	0.226	93.0	1761 1762	29 313
1014	7.7	43 58.33	3.3483	0.0218	25 13 51.0	18.026	0.222	82.9	882 1049	25 311
1015	9.0	44 2.02	3.3539	0.0221	25 39 20.4	18.023	0.222	82.9	886 1039	25 312
1016	9.0	1 44 18.36	+3.3542	+0.0221	+25 37 34.1	+18.013	−0.223	83.3	887 1042 1046	25 313
1017	8.5	44 28.30	3.4083	0.0255	29 43 23.2	18.006	0.227	89.0	1500	29 316
1018	8.2	45 13.55	3.3555	0.0221	25 32 56.5	17.977	0.224	83.2	880 1041 1043	25 314
1019	9.0	45 20.34	3.3467	0.0216	24 50 12.4	17.973	0.225	87.4	1143 1541	*24 269*
1020	8.6	45 41.00	3.3605	0.0224	25 51 35.6	17.960	0.226	83.6	952 1045 1047	25 316
1021	9.1	1 45 47.03	+3.3801	+0.0235	+27 20 38.9	+17.956	−0.227	77.5	58 885	27 293
1022	**4.3**	**45 57.61**	**3.4024**	**0.0249**	**28 58 8.0**	**17.949**	**0.229**		**Fund. Cat.**	**28 312**
1023	7.0	46 4.50	3.3923	0.0243	28 12 5.1	17.944	0.228	78.5	268 887	28 313
1024	8.3	46 6.99	3.3818	0.0236	27 24 14.2	17.943	0.227	83.3	886 1042 1049	27 296
1025	9.0	46 11.91	3.4093	0.0253	29 25 28.5	17.940	0.229	81.9	721 1046	29 317
1026	7.0	1 46 13.21	+3.3564	+0.0220	+25 25 36.1	+17.939	−0.227	85.9	1039 1043 1539	25 317
1027	9.1	46 15.92	3.4154	0.0257	29 50 45.3	17.937	0.230	89.0	1500	29 318*
1028	7.5	46 53.77	3.3547	0.0218	25 9 39.6	17.912	0.228	80.9	625 880 885	25 319
1029	8.9	46 55.32	3.3980	0.0245	28 26 34.9	17.911	0.230	77.4	268 721	28 314
1030	9.5	47 18.51	3.3947	0.0242	28 7 31.4	17.896	0.231	93.9	1872 1877	28 315
1031	9.3	1 47 20.09	+3.3825	+0.0235	+27 12 11.4	+17.895	−0.230	72.9	58	27 298*
1032	8.7	47 26.43	3.3811	0.0234	27 5 6.9	17.891	0.230	81.4	811 882	26 318
1033	8.5	47 32.72	3.3781	0.0234	26 50 19.0	17.891	0.230	93.0	1761 1763	26 319
1034	9.0	47 38.78	3.4013	0.0246	28 32 9.8	17.882	0.232	75.4	48 527	28 316
1035	8.9	47 42.51	3.4172	0.0256	29 40 21.6	17.880	0.235	83.9	1039 1043	29 320
1036	9.5	1 47 47.01	+3.3971	+0.0243	+28 12 8.0	+17.877	−0.232	93.9	1874 1878	28 317
1037	7.5	47 50.50	3.3842	0.0235	27 13 36.3	17.875	0.231	88.0	952 1760	27 300
1038	9.2	47 52.96	3.4103	0.0251	29 8 41.1	17.873	0.233	83.3	886 1041 1046	29 322
1039	8.0	48 0.76	3.3807	0.0233	26 56 20.4	17.868	0.231	83.4	164 1762	26 322
1040	7.8	48 0.78	3.3974	0.0243	28 11 1.6	17.868	0.232	73.9	52 268	28 319
1041	9.3	1 48 4.02	+3.4165	+0.0255	+29 33 0.0	+17.866	−0.234	83.9	1041 1049	29 323
1042	8.0	48 6.38	3.3772	0.0230	26 39 2.1	17.864	0.231	77.5	342 626	26 323
1043	9.3	48 7.00	3.3566	0.0217	25 4 39.1	17.864	0.230	86.3	1142 1143 1498	24 276*
1044	9.5	48 12.11	3.4007	0.0243	28 9 29.9	17.860	0.232	73.9	159	— —
1045	9.5	48 31.97	3.3819	0.0232	26 55 37.9	17.847	0.232	73.9	163	— —
1046	8.0	1 48 32.33	+3.3631	+0.0222	+25 29 56.0	+17.847	−0.231	74.3	6 obs.[2]	25 323
1047	9.0	48 32.98	3.3930	0.0240	27 44 20.4	17.847	0.233	73.0	58 59 61	27 302
1048	9.0	48 36.26	3.3889	0.0236	27 25 59.1	17.844	0.232	79.9	529 720 882	27 303
1049	7.5	48 37.99	3.4208	0.0257	29 44 30.9	17.843	0.235	82.6	724 1042 1047	29 324
1050	9.2	48 43.25	3.4000	0.0244	28 13 40.2	17.840	0.236	75.4	159 268 269 527	28 321

[1] Z. 52 159 268 721 1046 [2] Z. 56 62 161 168 169 533

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1051	8.3	1h 48m 46.21	+3.4123	+0.0251	+29° 5′ 59.0	+17.838	−0.235	83.3	885 1045 1049	29° 326
1052	8.9	48 48.19	3.4269	0.0260	30 8 4.2	17.836	0.236	84.0	880 887 952 1490	30 299
1053	9.1	48 55.87	3.4146	0.0252	29 14 0.1	17.831	0.235	79.9	719 720 721 723	29 327
1054	8.6	49 7.46	3.3826	0.0232	26 51 48.7	17.824	0.233	75.0	164 342	26 326
1055	9.0	49 13.95	3.4240	0.0258	29 50 9.1	17.819	0.236	81.2	338 1042 1048	29 329
1056	8.3	1 49 17.21	+3.4241	+0.0258	+29 49 37.4	+17.817	−0.236	82.9	724 1039 1043 1048	29 330
1057	8.8:	49 18.98	3.3902	0.0237	27 23 4.3	17.816	0.234	77.9	528	— —
1058	8.8:	49 22.73	3.3893	0.0235	27 14 5.5	17.813	0.234	88.9	1495 1496	27 306*
1059	9.5	49 43.80	3.3900	0.0236	27 17 27.4	17.799	0.235	88.0	1434	— —
1060	7.6	49 49.86	3.4341	0.0263	30 24 45.2	17.795	0.238	88.9	1491 1492 1493 1499	*30 303*
1061	9.1	1 49 56.51	+3.3808	+0.0229	+26 33 49.6	+17.791	−0.236	87.5	1145 1542	26 327*
1062	9.5	50 1.10	3.4282	0.0259	29 58 2.9	17.788	0.238	88.9	1488	29 333*
1063	9.2	50 1.23	3.4030	0.0244	28 11 2.3	17.788	0.237	79.3	5 obs.[1]	28 326
1064	9.0	50 11.32	3.3637	0.0220	25 14 18.2	17.781	0.234	73.5	56 62 161 168	25 328
1065	9.2	50 12.23	3.3696	0.0223	25 40 54.4	17.780	0.235	81.0	533 880 886 887	25 329
1066	9.2	1 50 18.98	+3.3767	+0.0227	+26 11 33.9	+17.776	−0.236	87.6	1237 1338 1539	26 329*
1067	9.1	50 30.79	3.4067	0.0245	28 20 53.0	17.768	0.238	83.9	268 1427 1489	28 330
1068	9.0	50 30.83	3.4299	0.0259	29 58 40.6	17.768	0.240	88.9	1498	29 336*
1069	6.8	50 37.92	3.3911	0.0235	27 11 42.3	17.763	0.237	73.1	5 obs.[2]	27 310
1070	8.5	50 40.33	3.3807	0.0229	26 25 22.1	17.761	0.237	74.6	163 164 341	26 330
1071	9.2	1 50 50.46	+3.4072	+0.0245	+28 18 45.2	+17.754	−0.239	76.9	159 268 629 722	28 332
1072	9.5	50 52.85	3.3714	0.0224	25 41 25.3	17.753	0.237	73.9	161	25 331*
1073	7.8	50 53.92	3.4016	0.0241	27 54 34.1	17.752	0.239	76.6	166 528 529	27 311
1074	8.9	50 56.99	3.3740	0.0225	25 52 32.6	17.750	0.237	73.3	56 62 168	25 332
1075	9.0	51 7.74	3.4210	0.0253	29 13 38.7	17.743	0.240	77.9	338 343 719 720	29 339
1076	8.9	1 51 19.30	+3.4201	+0.0252	+29 7 29.0	+17.735	−0.241	81.6	721 880 952	29 340
1077	8.7	51 21.61	3.3658	0.0220	25 10 47.3	17.733	0.237	76.0	169 532 533	25 333
1078	9.0	51 22.85	3.3991	0.0239	27 37 55.2	17.732	0.239	73.9	5 obs.[3]	27 312
1079	9.0	51 26.22	3.3862	0.0232	26 41 11.7	17.730	0.238	74.6	163 164 342	26 331
1080	9.0	51 28.00	3.3724	0.0223	25 39 14.1	17.729	0.238	83.6	533 1041 1490	25 334
1081	9.3	1 51 28.33	+3.3616	+0.0217	+24 51 0.4	+17.729	−0.237	87.5	1336 1434	*24 285**
1082	8.0	51 33.02	3.4156	0.0249	28 46 11.1	17.725	0.241	79.7	269 522 527 724	28 333
1083	9.1	51 38.00	3.3803	0.0228	26 12 35.3	17.722	0.238	84.9	1142 1143	26 332*
1084	8.5	51 45.57	3.4088	0.0244	28 15 14.1	17.717	0.240	78.0	269 629 722	28 335
1085	9.4	51 49.82	3.3827	0.0229	26 20 53.4	17.714	0.239	77.3	163 626 627	26 334
1086	9.5	1 51 53.78	+3.3720	+0.0222	+25 32 28.8	+17.711	−0.239	74.0	168	— —
1087	9.1	52 4.58	3.4256	0.0254	29 21 30.9	17.704	0.242	78.6	343 722 723	29 343
1088	9.5	52 23.43	3.4376	0.0260	30 7 12.8	17.691	0.244	88.9	1042 1871	30 313
1089	8.6	52 31.06	3.3937	0.0234	27 1 19.2	17.686	0.241	76.0	164 271 342 627	26 336
1090	9.0	52 40.69	3.3649	0.0217	24 52 44.2	17.679	0.239	85.6	1145 1234 1240	*24 290*
1091	9.5	1 53 18.83	+3.3942	+0.0233	+26 54 29.5	+17.653	−0.243	75.6	163 164 626	26 337
1092	8.5	53 24.06	3.3982	0.0236	27 10 42.2	17.649	0.243	79.6	8 obs.	27 317
1093	8.6	53 26.88	3.3998	0.0236	27 16 53.8	17.647	0.243	78.0	166 529 721 723	27 318
1094	8.2	53 31.23	3.4292	0.0254	29 19 29.3	17.644	0.245	79.3	338 343 1237	29 346
1095	9.2	53 34.29	3.3894	0.0229	26 20 16.0	17.642	0.242	85.6	1142 1143 1336	26 339*
1096	9.5	1 53 42.49	+3.3769	+0.0223	+25 35 2.1	+17.636	−0.242	73.9	161	— —
1097	8.4	53 46.28	3.4243	0.0251	28 56 27.5	17.634	0.246	79.9	5 obs.[4]	28 337
1098	7.8	53 49.48	3.4200	0.0248	28 37 55.2	17.631	0.246	78.3	5 obs.[5]	28 338
1099	9.5	54 25.50	3.3997	0.0233	26 54 38.9	17.606	0.245	78.2	163 164 342 1488	26 343
1100	9.1	54 53.92	3.4286	0.0251	29 0 52.3	17.586	0.248	79.6	5 obs.[6]	28 340

[1] Z. 52 159 522 1234 1238
[2] » 54 58 59 61 166
[3] Z. 54 58 59 61 529
[4] » 52 159 522 1238 1489
[5] Z. 159 268 527 629 1240
[6] » 52 159 522 1338 1339

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1101	9.0	1h 54m 57.86	+3.3807	+0.0223	+25° 37′ 48.0	+17.584	−0.247	75.0	6 obs.[1]	25° 337
1102	6.8	54 59.01	3.4113	0.0241	27 47 42.7	17.583	0.247	74.6	6 obs.[2]	27 320
1103	8.0	55 14.70	3.4316	0.0252	29 9 7.9	17.572	0.249	79.6	338 343 1336	29 349
1104	8.6	55 16.19	3.4393	0.0257	29 40 0.9	17.571	0.249	82.3	5 obs.[3]	29 350
1105	9.1	55 25.85	3.4009	0.0234	26 59 37.4	17.564	0.247	86.3	1145 1234 1434	26 344*
1106	9.0	1 55 29.65	+3.4084	+0.0239	+27 30 17.0	+17.561	−0.247	73.9	6 obs.[4]	27 322
1107	9.5	55 29.93	3.3816	0.0223	25 35 59.7	17.561	0.246	73.9	161 169	25 338
1108	8.2	55 38.31	3.4185	0.0245	28 10 56.0	17.555	0.248	78.7	52 269 527 1490	28 341
1109	8.9	55 40.96	3.4245	0.0248	28 35 0.4	17.553	0.249	84.4	629 1539	28 342
1110	8.7	55 59.00	3.4345	0.0253	29 12 7.3	17.541	0.250	78.0	338 343 723 724	29 352
1111	8.5	1 56 4.01	+3.3814	+0.0222	+25 28 58.6	+17.537	−0.246	77.6	56 161 1237	25 339
1112	8.0	56 23.03	3.3885	0.0226	25 56 4.5	17.523	0.248	82.3	5 obs.[5]	25 340
1113	7.6	56 25.08	3.4019	0.0234	26 52 46.2	17.522	0.249	74.7	163 164 271 342	26 346
1114	6.0	56 33.90	3.3805	0.0221	25 19 56.3	17.516	0.247	75.3	168 169 532	25 341
1115	8.5	56 34.54	3.3967	0.0231	26 28 55.2	17.515	0.248	76.6	271 341 626	26 347
1116	9.5	1 56 40.15	+3.4270	+0.0248	+28 34 2.9	+17.511	−0.251	73.9	159	28 344*
1117	9.3	56 42.09	3.4385	0.0254	29 19 56.8	17.510	0.252	84.4	338 1760	29 354
1118	9.3	56 42.71	3.4214	0.0245	28 11 8.6	17.510	0.251	82.3	629 1045 1047	28 345
1119	7.9	56 46.37	3.4382	0.0254	29 18 10.2	17.507	0.252	82.6	5 obs.[6]	29 355
1120	9.5	56 49.21	3.4193	0.0243	28 0 52.9	17.505	0.251	79.9	166 528 1046 1048	27 325
1121	8.8	1 57 10.10	+3.4198	+0.0243	+27 58 56.9	+17.490	−0.251	72.9	54 58 61	27 326
1122	6.8	57 16.40	3.3820	0.0221	25 19 7.3	17.486	0.249	76.3	62 532 533	25 343
1123	9.0	57 29.39	3.4194	0.0242	27 53 55.2	17.476	0.252	81.4	5 obs.[7]	27 327
1124	7.8	57 31.22	3.4527	0.0261	30 6 28.9	17.475	0.254	83.9	1041 1042 1045	30 326
1125	8.5	57 32.37	3.3873	0.0224	25 39 2.4	17.474	0.250	83.6	7 obs.	25 344
1126	8.5	1 57 36.14	+3.4311	+0.0247	+28 28 25.4	+17.471	−0.252	86.4	720 1761	28 348
1127	9.2	57 52.94	3.4242	0.0244	28 8 44.3	17.459	0.253	81.0	629 952	28 350
1128	7.8	58 6.05	3.4300	0.0247	28 30 14.2	17.450	0.254	78.4	5 obs.[8]	28 351
1129	9.1	58 17.96	3.4487	0.0257	29 42 26.9	17.441	0.256	86.6	1146 1234 1490	29 357*
1130	9.2	58 26.60	3.4250	0.0244	28 5 56.3	17.435	0.254	90.0	952 1762 1880	28 352
1131	9.0	1 58 45.86	+3.4170	+0.0239	+27 30 8.0	+17.421	−0.254	75.4	58 529	27 329
1132	9.1	58 52.87	3.4267	0.0244	28 8 16.2	17.416	0.255	81.1	52 1041 1043 1047	28 355
1133	9.0	59 17.67	3.4532	0.0258	29 49 4.7	17.398	0.258	84.4	721 1499	29 358
1134	8.5	59 25.04	3.4002	0.0229	26 14 20.2	17.393	0.254	86.0	626 1762	26 354
1135	8.8	59 27.54	3.4149	0.0237	27 14 9.1	17.391	0.255	83.4	529 1493	27 330
1136	7.4	1 59 37.67	+3.3863	+0.0221	+25 13 59.1	+17.384	−0.253	85.5	533 1763	25 348
1137	6.6	59 37.69	3.4368	0.0249	28 40 18.2	17.384	0.257	82.3	629 1045 1046	28 359
1138	6.5	59 44.27	3.3848	0.0220	25 6 26.8	17.379	0.254	93.0	1760 1764	25 349
1139	7.6	59 49.19	3.3939	0.0225	25 43 29.5	17.375	0.255	85.5	533 1761	25 350
1140	9.4	59 57.03	3.4111	0.0235	26 53 10.5	17.369	0.256	93.9	1871 1873	26 356
1141	7.0	2 0 12.83	+3.4081	+0.0232	+26 38 26.5	+17.358	−0.256	82.3	626 1045 1047	26 357
1142	7.8	0 24.44	3.4461	0.0253	29 8 41.6	17.350	0.259	82.6	720 1046 1049	29 361
1143	8.6	0 30.62	3.4447	0.0253	29 2 11.5	17.345	0.260	81.0	52 952 1043 1051	28 361
1144	9.0	0 36.94	3.4332	0.0245	28 15 9.2	17.341	0.258	79.5	629 721	28 363
1145	8.1	0 47.43	3.4446	0.0252	28 58 28.4	17.333	0.260	83.9	1041 1042 1049	28 364
1146	9.0	2 1 11.88	+3.4268	+0.0241	+27 43 32.1	+17.315	−0.260	78.0	58 529 952	27 335
1147	9.3	1 14.28	3.4589	0.0258	29 48 41.2	17.313	0.262	83.9	1042	— —
1148	9.1	1 35.47	3.4655	0.0262	30 10 23.3	17.297	0.263	91.5	1542 1769	30 339
1149	9.0	1 56.60	3.4215	0.0237	27 14 42.0	17.282	0.260	75.3	50 58 722	27 336
1150	8.0	2 8.03	3.4304	0.0241	27 48 0.1	17.273	0.262	74.9	59 166 528	27 337

[1] Z. 56 62 161 169 532 533
[2] » 54 58 59 61 528 529
[3] » 721 722 723 880 1541
[4] Z. 54 58 59 61 166 528
[5] » 168 721 722 1491 1492
[6] » 723 724 952 1142 1143
[7] Z. 59 721 722 1338 1339
[8] » 52 629 720 721 724

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1151	8.6	2h 2m 11s.06	+3s.3942	+0s.0222	+25° 21′ 6″.0	+17s.271	−0s.259	76.0	169 533	25° 354
1152	5.0	2 18.68	3.3945	0.0222	25 20 50.7	17.266	0.259	73.3	56 62 161	25 355
1153	9.5	2 21.11	3.4686	0.0262	30 13 30.0	17.264	0.265	84.9	338 1873	30 341
1154	9.0	2 27.75	3.4158	0.0233	26 46 30.2	17.259	0.261	74.3	163 164 271	26 362
1155	8.7	2 43.61	3.4033	0.0226	25 53 29.6	17.247	0.260	78.0	168 721 724	25 357
1156	8.9	2 2 46.70	+3.3994	+0.0224	+25 36 43.1	+17.245	−0.260	82.9	723 1041 1043 1046	25 358
1157	9.0	2 50.52	3.4633	0.0259	29 48 0.5	17.242	0.266	83.9	1045 1047	29 365
1158	8.7	3 8.21	3.4551	0.0254	29 13 21.9	17.229	0.265	83.3	722 723 1541	29 366
1159	9.2	3 12.99	3.3887	0.0217	24 48 21.3	17.225	0.260	85.0	1142 1143 1145	*24 316*
1160	9.5	3 24.02	3.4315	0.0240	27 39 20.4	17.217	0.264	73.1	6 obs.[1]	27 339
1161	8.2	2 3 32.44	+3.4603	+0.0256	+29 29 12.8	+17.211	−0.267	78.0	338 724	29 368
1162	9.0	3 53.19	3.4401	0.0244	28 7 40.9	17.195	0.266	74.3	52 268 269	28 367
1163	8.1	3 53.52	3.4586	0.0255	29 19 0.3	17.195	0.267	86.5	721 1764	29 369
1164	8.1	3 54.11	3.4619	0.0257	29 31 29.9	17.194	0.268	83.9	1041 1045	29 370
1165	9.5	4 5.20	3.4383	0.0243	27 58 35.5	17.186	0.266	75.5	61 528	27 340
1166	6.8	2 4 5.67	+3.3986	+0.0222	+25 20 47.0	+17.186	−0.262	77.1	7 obs.	25 362
1167	9.1	4 9.32	3.4160	0.0231	26 30 17.3	17.183	0.264	76.0	164 271 341 627	26 366
1168	8.4	4 19.64	3.4017	0.0223	25 30 56.6	17.175	0.263	75.0	56 169 533	25 363
1169	9.4	4 20.43	3.4241	0.0235	27 0 36.1	17.174	0.266	74.6	163 164 342	26 367
1170	9.5	4 27.05	3.4382	0.0242	27 54 24.8	17.169	0.267	74.0	166	— —
1171	9.0	2 4 41.90	+3.4361	+0.0241	+27 43 51.4	+17.158	−0.267	72.9	50 54 58 59	27 341
1172	9.0	5 7.04	3.3935	0.0218	24 50 14.1	17.139	0.264	87.9	1240 1541	*24 319*
1173	5.0[2]	5 7.39	3.4685	0.0258	29 42 58.0	17.139	0.270	78.6	338 721 722	29 371
1174	8.0	5 9.80	3.4510	0.0248	28 36 49.2	17.137	0.269	80.4	6 obs.[3]	28 369
1175	9.3	5 14.11	3.4722	0.0261	29 55 31.0	17.134	0.270	83.6	952 1043 1046	29 372
1176	9.2	2 5 43.20	+3.4653	+0.0256	+29 24 43.2	+17.112	−0.271	88.5	1336 1542	29 373*
1177	9.3	5 45.67	3.4342	0.0238	27 25 49.6	17.110	0.269	77.3	5 obs.[4]	27 343
1178	7.8	5 53.44	3.4748	0.0261	29 58 14.6	17.104	0.272	80.0	721 723 724	29 374
1179	9.5	6 1.41	3.4578	0.0251	28 53 27.1	17.098	0.271	75.9	268 269 522	28 370
1180	9.3	6 3.90	3.4482	0.0246	28 16 29.3	17.096	0.270	75.0	268	28 371
1181	8.8	2 6 16.48	+3.3955	+0.0217	+24 47 43.6	+17.086	−0.267	85.0	1142 1143 1145	*24 322*
1182	9.0	6 23.57	3.4347	0.0238	27 21 27.9	17.081	0.270	72.9	54 59	27 344
1183	9.2	6 33.85	3.3960	0.0218	24 46 41.0	17.073	0.267	90.0	1544	*24 324*
1184	8.0	6 34.78	3.3995	0.0220	25 0 42.5	17.072	0.267	73.6	56 168 169	24 325
1185	9.5	6 45.61	3.4157	0.0238	27 20 0.3	17.064	0.271	74.0	166	— —
1186	7.4	2 6 53.42	+3.4157	+0.0227	+26 2 23.8	+17.058	−0.270	76.6	168 532 533	25 368
1187	9.0	6 59.14	3.4434	0.0242	27 48 39.7	17.054	0.272	73.0	58 61	27 346
1188	7.4	7 3.35	3.4809	0.0262	30 8 23.7	17.051	0.274	89.7	5 obs.[5]	30 354
1189	9.1	7 4.13	3.4296	0.0234	26 55 9.4	17.050	0.271	92.6	1240 1642 1649	26 371*
1190	9.5	7 6.31	3 4505	0.0246	28 14 50.3	17.048	0.272	94.0	1871 1873 1881 1885	28 373
1191	9.0	2 7 20.18	+3.4372	+0.0238	+27 21 45.5	+17.038	−0.272	72.9	50 54	27 348
1192	6.5	7 23.62	3.4491	0.0245	28 6 31.3	17.035	0.273	83.9	1042 1043 1045	28 374
1193	9.5	7 23.66	3.4792	0.0261	29 58 59.5	17.035	0.275	83.9	1047 1048	29 375
1194	8.0	7 25.52	3.4765	0.0259	29 48 32.7	17.034	0.275	80.0	721 723 724	} 29 376
1195	8.0	7 27.05	3.4766	0.0259	29 48 36.2	17.032	0.275	80.0	723	
1196	9.5	2 7 42.08	+3.4565	+0.0247	+28 21 24.1	+17.021	−0.273	80.9	268 522 1541	28 375
1197	9.1	7 45.92	3.4305	0.0234	26 52 10.2	17.018	0.272	87.0	1336 1340 1341	26 372*
1198	9.0	8 10.94	3.4413	0.0239	27 29 3.2	16.999	0.274	72.9	50 54 58 61	27 350
1199	9.4	8 11.33	3.4685	0.0254	29 11 18.6	16.998	0.276	93.9	1874 1875	29 378
1200	8.0	8 13.96	3.4304	0.0233	26 46 39.8	16.996	0.273	74.3	163 164 271	26 373

[1] Z. 50 54 58 59 61 166
[2] Close double
[3] Z. 52 268 269 1237 1338 1339
[4] » 50 61 161 1042 1045
[5] Z. 1237 1339 1639 1640 1645

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1201	9.3	2h 8m 14s.64	+3s.4140	+0s.0225	+25° 42′ 54″.5	+16″.996	−0″.272	85.5	533 1762	25° 371
1202	8.5	8 16.24	3.4534	0.0246	28 13 54.6	16.994	0.275	76.4	6 obs.[1]	28 376
1203	8.6	8 24.09	3.4648	0.0251	28 55 2.0	16.988	0.276	84.0	1043 1051	28 377
1204	8.5	8 30.24	3.4200	0.0227	26 3 50.0	16.984	0.273	78.9	56 168 1542	25 372
1205	6.1	8 36.88	3.4070	0.0221	25 12 5.5	16.978	0.271	81.5	533 1145	25 373
1206	9.5	2 8 50.11	+3.4288	+0.0232	+26 35 2.8	+16.968	−0.275	75.0	164 342	26 374
1207	9.0	8 58.50	3.4731	0.0255	29 20 20.3	16.962	0.277	83.4	721 1045 1142 1143	29 380
1208	8.8	9 2.73	3.4271	0.0230	26 26 37.3	16.958	0.274	74.5	163 271	26 375
1209	8.5	9 10.90	3.4718	0.0254	29 13 21.1	16.952	0.277	81.0	721 723 952	29 382
1210	9.0	9 24.43	3.4719	0.0254	29 11 24.9	16.941	0.278	84.0	1042 1049 1051	29 384
1211	9.0	2 9 30.30	+3.4751	+0.0256	+29 22 8.7	+16.937	−0.278	84.0	1043 1047 1053	29 385
1212	9.0	9 31.56	3.4689	0.0252	28 59 19.0	16.936	0.278	75.0	268 269	28 379
1213	9.1	9 41.89	3.4585	0.0246	28 18 44.8	16.928	0.278	87.4	1237 1492	28 380*
1214	9.4	9 46.66	3.4351	0.0234	26 50 22.6	16.924	0.276	79.0	626	26 377*
1215	9.1	9 54.29	3.4246	0.0228	26 8 32.9	16.918	0.276	88.0	1240 1544	26 378*
1216	9.0	2 9 56.64	+3.4527	+0.0243	+27 55 0.5	+16.916	−0.278	72.9	50 54 58 61	27 354
1217	8.9	9 56.94	3.4557	0.0245	28 6 2.5	16.916	0.278	76.9	52 522 722	28 381
1218	9.4	10 2.75	3.4499	0.0241	27 43 22.3	16.912	0.278	80.6	166 1046 1048	27 356
1219	6.8[2]	10 10.60	3.4574	0.0245	28 9 59.4	16.905	0.278	80.0	722 723	28 382
1220	9.0	10 22.58	3.4633	0.0248	28 30 27.6	16.896	0.279	87.0	1336 1340 1341	28 383
1221	9.0	2 10 28.05	+3.4128	+0.0222	+25 17 23.0	+16.892	−0.276	73.5	56 168	25 377
1222	7.0	10 42.42	3.4629	0.0247	28 25 39.0	16.880	0.280	74.3	52 268 269	28 385
1223	7.0	10 50.31	3.4772	0.0255	29 16 4.8	16.874	0.282	88.0	952 1762	29 387
1224	9.4	10 50.54	3.4835	0.0258	29 38 56.8	16.874	0.282	79.9	338 1045	29 386
1225	8.9	11 12.55	3.4472	0.0239	27 22 15.2	16.857	0.280	76.7	58 166 721 722	27 359
1226	9.2	2 11 14.07	+3.4282	+0.0228	+26 9 52.2	+16.855	−0.278	85.0	1145	26 380*
1227	9.3	11 14.11	3.4566	0.0244	27 56 55.0	16.855	0.280	73.0	54 61	27 358
1228	9.1	11 32.47	3.4425	0.0235	27 1 16.7	16.841	0.280	87.9	8 obs.	26 382*
1229	5.8	11 42.58	3.4597	0.0244	28 3 52.0	16.833	0.281	93.6	1764 1870 1871 1873	27 360
1230	8.6	11 43.81	3.4397	0.0233	26 49 12.7	16.832	0.280	76.0	163 271 341 626	26 383
1231	9.5	2 11 52.70	+3.4337	+0.0230	+26 24 57.5	+16.825	−0.280	73.9	164	26 385*
1232	8.5	11 54.10	3.4834	0.0256	29 28 6.4	16.824	0.284	83.9	1043 1046 1051	29 388
1233	9.1	12 2.47	3.4536	0.0240	27 38 19.7	16.817	0.282	77.3	166 528 723	27 361
1234	9.3	12 4.12	3.4149	0.0221	25 11 12.5	16.816	0.278	77.0	168 721	25 378
1235	8.9	12 11.74	3.4638	0.0246	28 14 14.2	16.810	0.282	84.9	1142 1143	28 388*
1236	9.4	2 12 25.39	+3.4929	+0.0261	+29 57 6.7	+16.799	−0.286	81.4	338 1336	29 391
1237	8.2	12 26.72	3.4118	0.0220	24 56 9.2	16.797	0.279	80.5	532 952	24 335
1238	9.4	12 27.58	3.4280	0.0227	25 58 9.6	16.797	0.281	74.0	168	25 380*
1239	8.7	12 32.26	3.4978	0.0263	30 12 43.0	16.793	0.286	87.9	1045 1053 1641 1642	30 373
1240	8.9	12 44.11	3.4989	0.0263	30 14 39.4	16.784	0.286	85.9	1237	30 374
1241	9.1	2 12 45.40	+3.4757	+0.0251	+28 52 20.1	+16.783	−0.284	80.9	52 522 1643	28 390
1242	6.5	12 46.24	3.4883	0.0257	29 36 45.6	16.782	0.286	84.0	1042 1049 1053	29 392
1243	9.0	12 51.23	3.4289	0.0227	25 57 42.5	16.778	0.282	73.5	56 169	25 381
1244	8.3	12 53.33	3.4823	0.0254	29 14 10.0	16.776	0.285	82.6	722 1043 1047	29 393
1245	9.1	12 56.28	3.4901	0.0258	29 41 48.5	16.774	0.287	83.3	338 1045 1544	29 394
1246	9.2	2 12 59.43	+3.4422	+0.0233	+26 46 42.5	+16.772	−0.283	73.9	163	26 388*
1247	9.5	13 4.15	3.4554	0.0240	27 35 18.8	16.768	0.284	74.0	166	— —
1248	8.0	13 32.30	3.4626	0.0243	27 56 55.8	16.745	0.285	72.9	54 58 59 61	27 363
1249	7.3	13 34.66	3.4662	0.0245	28 9 38.9	16.743	0.285	90.0	1240 1646 1647	28 393
1250	8.2	13 43.91	3.4441	0.0233	26 47 7.4	16.736	0.284	76.3	163 342 626	26 389

[1] Z. 52 (2) 268 269 721 952 [2] Double, n. foll.

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1251	8.3	$2^h\ 13^m\ 45^s.08$	+3ˢ.4993	+0ˢ.0262	+30° 6′ 1″.1	+16″.735	−0″.289	89.0	1145 1762	30° 379
1252	8.6	13 48.00	3.4868	0.0255	29 21 34.0	16.733	0.287	82.6	723 1046 1048	29 396
1253	9.3	13 54.36	3.4804	0.0252	28 57 42.5	16.728	0.287	78.4	52 522 722 952	28 394
1254	9.1	13 56.92	3.4572	0.0239	27 33 15.4	16.726	0.286	77.7	58 528 721 724	27 364
1255	8.7	13 58.94	3.4454	0.0233	26 49 39.3	16.724	0.285	74.5	163 271	26 390
1256	9.5	2 13 59.34	+3.4526	+0.0237	+27 16 14.9	+16.723	−0.285	81.9	166 1541	27 365
1257	8.9	14 3.67	3.5027	0.0263	30 14 50.8	16.720	0.289	87.0	1336 1340 1341	30 380
1258	8.9	14 6.17	3.4566	0.0239	27 29 49.0	16.718	0.285	76.6	59 61 1042	27 366
1259	8.6	14 18.75	3.4395	0.0230	26 24 29.0	16.708	0.285	78.0	164 342 1051	26 391
1260	9.3	14 25.82	3.4712	0.0246	28 20 14.3	16.702	0.287	77.9	522	— —
1261	9.0	2 14 27.23	+3.4255	+0.0223	+25 31 4.2	+16.701	−0.284	75.0	56 168 532	25 384
1262	9.0	14 28.65	3.4323	0.0227	25 56 36.4	16.700	0.285	79.0	169 1043	25 385
1263	8.3	14 54.31	3.4966	0.0259	29 45 27.3	16.679	0.290	81.6	338 724 1047 (2) 1051	29 399
1264	8.0	14 54.57	3.4510	0.0235	27 1 54.6	16.679	0.287	77.6	164 271 1045	26 392
1265	8.7	14 54.63	3.4959	0.0258	29 43 12.0	16.679	0.290	93.1	1766 1768	29 400
1266	9.1	2 14 59.12	+3.4502	+0.0235	+26 57 57.9	+16.675	−0.287	76.4	163 626	26 393
1267	9.2	15 0.58	3.4729	0.0246	28 20 31.6	16.674	0.288	78.3	52 522 1053	28 398
1268	9.1	15 0.60	3.4816	0.0251	28 51 30.9	16.674	0.289	81.6	269 1142 1143	28 399
1269	7.9	15 5.02	3.4970	0.0259	29 45 6.0	16.670	0.291	93.1	1768 1769	29 401
1270	8.7	15 6.01	3.4281	0.0224	25 35 6.4	16.670	0.285	83.5	168 1770	25 387
1271	8.7	2 15 6.21	+3.4299	+0.0225	+25 41 56.9	+16.670	−0.285	75.0	56 169 532	25 388
1272	9.0	15 6.64	3.4296	0.0225	25 40 27.0	16.670	0.285	89.9	1237 1876	25 389
1273	9.0	15 23.37	3.4585	0.0238	27 24 41.5	16.656	0.287	73.9	6 obs.[1]	27 368
1274	8.6	15 25.82	3.4529	0.0235	27 4 9.4	16.654	0.288	79.5	271 1046	26 395
1275	9.5	15 30.49	3.4389	0.0229	26 12 0.6	16.650	0.287	94.0	1877 1878	26 396
1276	8.0	2 16 0.66	+3.4387	+0.0228	+26 6 42.0	+16.625	−0.288	76.5	164 629	26 397
1277	9.4	16 1.70	3.4252	0.0221	25 16 26.0	16.625	0.286	94.0	5 obs.[2]	25 391
1278	9.0	16 4.05	3.4209	0.0219	24 59 22.0	16.623	0.286	93.3	1762 1770 1870	24 341*
1279	8.6	16 4.60	3.4627	0.0240	27 34 15.9	16.622	0.290	74.5	54 61 166 528	27 369
1280	8.5	16 4.84	5.4970	0.0257	29 35 45.2	16.622	0.292	81.7	722 723 952 1045	29 402
1281	8.8	2 16 5.22	+3.4726	+0.0244	+28 9 15.7	+16.621	−0.290	88.4	6 obs.[3]	28 402
1282	8.9	16 8.96	3.4966	0.0257	29 33 22.5	16.618	0.292	82.0	724 1053	29 403
1283	9.0	16 10.16	3.4255	0.0221	25 16 3.2	16.618	0.287	82.0	5 obs.[4]	25 392
1284	8.8	16 14.82	3.4453	0.0231	26 28 51.7	16.614	0.289	78.9	163 1047	26 398
1285	9.3	16 17.64	3.4348	0.0225	25 49 34.5	16.611	0.288	85.0	1145	25 393*
1286	9.0	2 16 25.17	+3.4723	+0.0244	+28 5 27.0	+16.605	−0.291	73.9	52 269	28 403
1287	9.4	16 44.60	3.4793	0.0247	28 26 55.9	16.589	0.292	86.9	1043 1541	28 404
1288	8.7	16 46.42	3.5080	0.0261	30 6 43.0	16.588	0.295	80.0	722 723	30 387
1289	9.3	16 48.83	3.4698	0.0241	27 44 4.9	16.587	0.292	89.0	1240 1646	27 370*
1290	9.1	17 4.39	3.4594	0.0237	27 13 1.0	16.573	0.291	87.0	1336 1340 1341	27 371*
1291	9.5	2 17 23.56	+3.4426	+0.0228	+26 9 2.3	+16.557	−0.291	74.6	163 164 342	26 400
1292	7.5	17 23.73	3.4849	0.0249	28 40 34.6	16.557	0.294	80.4	269 1237	28 409
1293	8.0	17 26.07	3.4582	0.0236	27 5 27.8	16.555	0.292	74.2	54 58 61 528	27 373
1294	9.3	17 30.57	3.4948	0.0254	29 14 1.5	16.552	0.294	83.9	1042 1048	29 405
1295	8.4	17 30.96	3.5096	0.0261	30 5 4.4	16.551	0.296	79.9	338 722 1046	29 406
1296	8.5	2 17 39.01	+3.4783	+0.0245	+28 15 19.2	+16.545	−0.293	83.6	52 522 1639 1640	28 410
1297	8.0	17 52.46	3.4238	0.0218	24 55 8.2	16.534	0.290	80.7	270 724 1043 1052	24 344
1298	9.0	17 52.78	3.4353	0.0224	25 38 6.5	16.533	0.291	73.6	56 168 169	25 394
1299	9.0	17 53.52	3.4391	0.0226	25 51 49.1	16.533	0.292	79.0	270 532 1045	25 395
1300	9.3	18 0.28	3.4585	0.0235	27 1 25.2	16.527	0.293	83.0	951	26 402*

[1] Z. 54 58 59 61 166 528 [2] Z. 1873 1874 1881 1882 1885 [3] Z. 1042 1049 1492 1542 1642 1649
[4] Z. 168 169 532 1643 1645

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1301	8.5	$2^h\ 18^m\ 4^s.58$	+3ˢ.4603	+0ˢ.0236	+27° 7′ 0″.8	+16″.523	−0″.293	77.6	61 721 723	27° 374
1302	9.0	18 8.08	3.4655	0.0238	27 25 34.7	16.521	0.293	72.9	58 59 ·	27 376
1303	9.0	18 8.57	3.4613	0.0237	27 10 12.1	16.520	0.293	80.7	166 1048 1053	27 375
1304	7.8	18 12.04	3.4980	0.0254	29 18 52.9	16.517	0.296	83.9	1046 1047 1049	29 410
1305	9.2	18 38.04	3.4454	0.0227	26 0 7.1	16.496	0.293	84.9	1142 1143	25 396*
1306	9.1	2 18 52.40	+3.4302	+0.0220	+25 10 44.6	+16.484	−0.292	86.5	1145 1336 1340 1341	25 397*
1307	8.7	18 52.93	3.5008	0.0254	29 21 49.2	16.483	0.298	83.3	721 722 1544	29 412
1308	9.5	19 14.49	3.4545	0.0232	26 35 50.4	16.466	0.294	76.4	164 626	26 405
1309	8.8	19 26.16	3.4697	0.0239	27 29 2.5	16.456	0.296	73.9	6 obs.[1]	27 378
1310	8.7	19 30.71	3.5172	0.0262	30 12 2.0	16.452	0.300	77.9	338 723	30 395
1311	9.0	2 19 36.52	+3.4546	+0.0231	+26 33 10.4	+16.447	−0.295	81.3	342 1047 1053	26 407
1312	7.6	19 46.91	3.4372	0.0223	25 28 40.5	16.438	0.294	75.0	56 168 270 532	25 398
1313	9.3	19 52.44	3.4769	0.0241	27 48 6.1	16.434	0.298	76.0	166 528	27 380*
1314	6.5	19 54.11	3.4536	0.0231	26 27 2.7	16.432	0.296	74.3	163 164 271	26 409
1315	9.3	20 6.24	3.4860	0.0245	28 19 52.9	16.422	0.299	78.2	52 522 1049	28 417
1316	9.0	2 20 14.98	+3.4541	+0.0230	+26 25 53.0	+16.415	−0.296	76.4	163 626	26 410
1317	9.0	20 16.70	3.4319	0.0220	25 5 11.1	16.413	0.295	87.6	1237 1342 1542	24 351
1318	9.4	20 16.94	3.4879	0.0246	28 24 46.8	16.413	0.300	87.6	269 1870 1871	28 418
1319	9.1	20 21.89	3.4997	0.0252	29 4 39.9	16.409	0.301	82.0	723 1051	28 419
1320	9.0	20 25.00	3.4600	0.0233	26 45 44.6	16.406	0.298	78.0	342 724	26 411
1321	9.2	2 20 30.31	+3.4985	+0.0251	+28 59 17.3	+16.402	−0.301	86.9	1046 1541	28 420
1322	9.1	20 48.78	3.4702	0.0237	27 18 31.9	16.387	0.299	84.9	1142 1143	27 383*
1323	5.5	20 50.52	3.5012	0.0252	29 6 35.4	16.385	0.302	83.0	722 1049 1052 1053	29 417
1324	7.8	20 51.72	3.5052	0.0254	29 18 40.7	16.384	0.302	79.6	338 721 952	29 418
1325	9.2	21 0.19	3.4368	0.0221	25 17 20.6	16.377	0.296	75.0	56 168 270 532	25 404
1326	9.1	2 21 11.24	+3.4562	+0.0230	+26 25 42.6	+16.368	−0.299	87.7	271 1639 1646 1647	26 413*
1327	8.6	21 16.40	3.5038	0.0252	29 10 27.6	16.363	0.303	82.0	722 1052	29 419
1328	9.1	21 19.35	3.4494	0.0227	26 0 13.0	16.361	0.298	91.3	1544 1641 1642	25 406*
1329	9.5	21 20.75	3.5161	0.0259	29 51 29.5	16.359	0.304	91.9	1645	29 420*
1330	8.1	21 25.22	3.5033	0.0252	29 7 33.0	16.356	0.303	82.0	724 1051	29 421
1331	9.4	2 21 28.07	+3.5175	+0.0259	+29 54 45.0	+16.353	−0.304	90.3	338 1927 1929 1931	29 422
1332	7.5	21 28.61	3.5077	0.0255	29 22 6.6	16.353	0.303	83.9	1046 1047	29 423
1333	9.1	21 34.92	3.5152	0.0258	29 46 6.6	16.348	0.304	88.4	1145 1644	29 424*
1334	8.4	21 38.02	3.4619	0.0233	26 41 57.1	16.345	0.300	77.3	163 164 1048	26 416
1335	9.0	21 40.05	3.4698	0.0236	27 9 44.9	16.343	0.301	73.2	54 58 61 166	27 385
1336	9.2	2 21 49.97	+3.4804	+0.0241	+27 45 16.3	+16.335	−0.301	84.0	59 1240 1762	27 386*
1337	9.0	21 55.35	3.4937	0.0247	28 30 27.0	16.330	0.303	77.9	52 269 522 1237	28 421
1338	9.0	22 5.79	3.4575	0.0230	26 22 53.3	16.321	0.300	76.3	164 271 721	26 418
1339	9.0	22 19.02	3.4769	0.0239	27 28 57.9	16.310	0.302	77.7	61 528 723 724	27 388
1340	9.3	22 38.93	3.4741	0.0236	27 16 26.5	16.293	0.302	73.3	54 59 166	27 389
1341	9.3	2 22 58.80	+3.4962	+0.0247	+28 29 22.8	+16.277	−0.303	81.8	5 obs.[2]	28 425
1342	9.0	23 8.23	3.4697	0.0234	26 57 5.2	16.268	0.303	76.3	163 342 626	26 420
1343	6.2	23 21.10	3.4319	0.0217	24 40 46.8	16.257	0.300	88.9	1497	*24 358*
1344	8.6	23 21.76	3.4753	0.0236	27 14 33.9	16.257	0.304	76.8	5 obs.[3]	27 391
1345	9.4	23 29.82	3.4909	0.0244	28 6 46.4	16.250	0.305	83.6	952 1046 1047	28 429
1346	9.0	2 23 43.22	+3.5270	+0.0261	+30 5 44.0	+16.239	−0.309	86.6	1142 1143 1541	30 403
1347	9.3	23 56.05	3.4525	0.0225	25 49 53.0	16.228	0.303	77.0	56 168 1049	25 413
1348	9.1	24 16.03	3.4623	0.0229	26 21 35.4	16.210	0.304	86.0	1145 1342	26 423*
1349	7.4	24 16.17	3.4736	0.0234	27 0 47.1	16.210	0.306	74.2	163 164 171 271	26 424
1350	8.9	24 56.28	3.4860	0.0239	27 38 19.7	16.176	0.308	74.3	6 obs.[4]	27 393

[1] Z. 54 58 59 61 166 528 [2] Z. 52 269 1336 1340 1341 [3] Z. 58 61 528 722 723 [4] Z. 54 58 59 61 166 724

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1351	7.8	$2^h\ 24^m\ 58^s.31$	+3ˢ.4928	+0ˢ.0242	+28° 0′ 44″.2	+16″.174	−0″.308	80.6	528 722 1048	27° 394
1352	9.1	24 59.04	3.4589	0.0226	26 3 35.1	16.173	0.305	85.9	1237 1240	25 416*
1353	8.4	25 12.56	3.5066	0.0249	28 45 26.0	16.162	0.310	75.9	52 269 723	28 431
1354	9.0	25 13.28	3.4531	0.0224	25 41 39.0	16.161	0.305	79.2	5 obs.[1]	25 417
1355	8.9	25 18.64	3.4402	0.0218	24 55 8.0	16.157	0.305	83.6	952 1046 1047	24 364
1356	7.4	2 25 45.98	+3.5199	+0.0254	+29 24 43.3	+16.133	−0.312	88.2	1142 1143 1542 1768	29 434
1357	8.8	25 51.76	3.4553	0.0224	25 44 0.0	16.128	0.307	78.2	168 270 722 1049	25 420
1358	8.6	26 25.08	3.4753	0.0232	26 49 12.8	16.099	0.309	74.2	163 164 171 271	26 425
1359	9.5	26 28.13	3.4927	0.0240	27 48 4.8	16.096	0.311	74.0	166	27 398*
1360	9.4	26 50.91	3.4768	0.0233	26 51 12.9	16.076	0.310	73.9	163	26 426*
1361	9.0	2 26 54.67	+3.4751	+0.0232	+26 44 24.3	+16.073	−0.310	76.2	164 342 626	26 427
1362	8.4	27 11.02	3.4997	0.0243	28 5 24.0	16.057	0.312	75.1	5 obs.[2]	28 435
1363	9.2	27 22.96	3.5405	0.0262	30 16 1.9	16.049	0.316	93.4	1762 1870	*30 418*
1364	8.9	27 25.83	3.4958	0.0241	27 50 21.3	16.046	0.313	73.2	54 58 61 166	27 401
1365	9.2	27 30.04	3.4873	0.0237	27 21 28.8	16.042	0.312	76.0	166 344 528	27 402*
1366	9.5	2 27 31.24	+3.4487	+0.0219	+25 8 9.8	+16.041	−0.308	83.9	168 1873	25 422
1367	8.2	27 58.09	3.5392	0.0260	30 7 55.0	16.018	0.317	85.7	1142 1143 1342	30 414
1368	9.3	28 3.84	3.4793	0.0232	26 49 33.3	16.013	0.312	74.7	163 171 271 342	26 429
1369	8.9	28 17.26	3.4634	0.0225	25 53 30.2	16.001	0.312	75.6	56 168 722	25 423
1370	7.9	28 21.65	3.5131	0.0248	28 40 26.1	15.997	0.316	81.5	522 724 1046 1051	28 437
1371	7.9	2 28 40.10	+3.5260	+0.0253	+29 19 36.3	+15.981	−0.318	83.9	1047 1049	29 438
1372	7.0	28 42.77	3.5174	0.0249	28 51 22.5	15.978	0.317	80.7	269 952 1053	28 438
1373	8.0	28 53.39	3.4775	0.0231	26 37 8.2	15.969	0.314	74.0	163 164 171	26 432
1374	8.4	28 57.75	3.5027	0.0242	28 0 58.7	15.965	0.316	91.2	1541 1639 1640	27 405
1375	9.1	29 0.30	3.5058	0.0243	28 9 33.0	15.963	0.316	81.3	722 723 1052	28 439
1376	8.0	2 29 0.82	+3.4833	+0.0234	+26 55 30.9	+15.963	−0.314	80.0	342 1051	26 433
1377	9.2	29 4.23	3.4848	0.0234	27 0 7.6	15.959	0.314	74.2	54 58 61 528	26 434*
1378	9.2	29 29.25	3.5357	0.0256	29 43 56.7	15.937	0.320	87.0	1336 1340 1341	29 441*
1379	8.9	29 30.12	3.5338	0.0255	29 37 36.0	15.936	0.320	85.0	723 1542	29 442
1380	9.1	29 39.43	3.5106	0.0244	28 21 27.3	15.928	0.318	82.5	269 1544	28 441
1381	7.8	2 29 46.17	+3.5390	+0.0257	+29 51 45.0	+15.922	−0.321	84.4	1047 1145	29 444
1382	8.6	29 59.39	3.4792	0.0230	26 34 2.2	15.911	0.316	76.5	171 626	26 437
1383	9.0	30 12.36	3.5278	0.0252	29 12 33.5	15.899	0.321	88.5	1048 1770	29 445
1384	9.0	30 19.45	3.4962	0.0237	27 28 14.7	15.893	0.318	76.5	58 723	27 408
1385	9.0	30 27.98	3.4691	0.0225	25 55 48.1	15.885	0.316	73.4	56 168	25 426
1386	8.8	2 30 28.47	+3.5023	+0.0239	+27 47 29.1	+15.885	−0.319	78.5	61 1049	27 410
1387	9.3	30 34.84	3.5216	0.0248	28 49 28.5	15.879	0.321	84.9	1142 1143	28 444
1388	8.6	30 42.29	3.4976	0.0237	27 30 11.9	15.872	0.318	90.4	5 obs.[3]	27 411
1389	8.7	30 44.51	3.4649	0.0223	25 39 42.4	15.871	0.316	79.5	270 1052	25 428
1390	9.2	30 52.06	3.5176	0.0245	28 33 55.4	15.864	0.321	93.0	1644 1769 1874	28 445
1391	9.0	2 31 1.17	+3.5100	+0.0242	+28 8 20.4	+15.856	−0.320	77.5	269 722	28 446
1392	8.5	31 12.16	3.4893	0.0233	26 58 19.4	15.846	0.318	88.5	1048 1770	26 438
1393	8.8	31 20.66	3.4669	0.0223	25 41 49.5	15.838	0.317	83.4	59 1875	25 430
1394	8.7	31 23.54	3.5459	0.0258	29 59 53.7	15.836	0.324	93.5	1769 1873	29 448
1395	9.0	31 27.76	3.4724	0.0225	25 59 33.6	15.832	0.318	88.9	1049 1871	25 431
1396	9.1	2 31 33.71	+3.4798	+0.0228	+26 24 4.8	+15.826	−0.318	86.4	626 1876	26 439
1397	8.8	31 35.13	3.4974	0.0236	27 22 30.6	15.825	0.318	73.0	58 61	27 412
1398	9.1	31 43.53	3.5158	0.0244	28 21 22.8	15.818	0.322	90.1	1545	28 448*
1399	8.7	32 6.27	3.4621	0.0220	25 19 49.1	15.797	0.318	86.5	722 1762	25 432
1400	9.1	32 22.21	3.4645	0.0221	25 26 27.8	15.783	0.319	78.9	56 1145	25 433*

[1] Z. 56 168 270 1336 1340 [2] Z. 52 269 522 722 724 [3] Z. 1052 1643 1645 1646 1647

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1401	9.2	$2^h\ 32^m\ 45^s.42$	+3ˢ.4739	+0ˢ.0225	+25° 54′ 47″.7	+15″.762	−0″.320	84.9	1142 1143	25° 434*
1402	9.2	32 47.55	3.4877	0.0231	26 40 53.5	15.760	0.321	89.0	1051 1877	26 441
1403	9.0	32 52.43	3.5129	0.0241	28 3 5.1	15.756	0.324	83.4	58 1878	27 415
1404	7.6	32 54.51	3.5357	0.0251	29 15 24.0	15.754	0.326	87.0	722 1879	29 453
1405	9.2	33 1.25	3.5351	0.0251	29 13 2.1	15.748	0.326	89.0	1052 1881	29 454
1406	5.5	2 33 23.08	+3.4862	+0.0229	+26 31 21.6	+15.728	−0.322	88.9	1048 1875	26 443
1407	8.0	33 25.18	3.4784	0.0225	26 4 59.8	15.726	0.322	91.5	1542 1770	25 436
1408	9.2	33 42.37	3.5266	0.0246	28 39 53.1	15.711	0.326	93.1	1769	28 450
1409	9.0	33 50.62	3.4835	0.0227	26 19 4.6	15.703	0.322	89.0	1049 1882	26 444
1410	8.9	33 51.82	3.5009	0.0234	27 16 11.0	15.702	0.324	82.0	722 1052	27 419
1411	9.1	2 33 52.34	+3.4806	+0.0226	+26 8 58.7	+15.701	−0.322	90.1	1243 1885	26 445
1412	8.3	33 56.45	3.4616	0.0218	25 4 36.6	15.698	0.321	89.0	1051 1871	24 381
1413	9.2	34 4.68	3.5284	0.0246	28 42 49.3	15.691	0.327	94.0	1874 1880	28 452
1414	8.8	34 13.53	3.5062	0.0236	27 30 31.2	15.682	0.325	90.0	1342 1762	27 420
1415	8.0	34 23.56	3 4863	0.0228	26 24 15.6	15.673	0.324	86.5	626 1890	26 447
1416	8.5	2 34 47.71	+3.4678	+0.0219	+25 19 17.8	+15.651	−0.323	84.5	1049 1145	25 437
1417	9.3	35 5.60	3.5055	0.0235	27 21 48.2	15.635	0.327	84.9	1142 1143	27 423
1418	8.7	35 11.41	3.4802	0.0224	25 58 5.3	15.630	0.324	85.7	722 1340 1545	25 438
1419	7.6	35 46.82	3.4907	0.0228	26 28 12.4	15.597	0.326	88.5	1047 1770	26 451
1420	**5.0**	**36 7.22**	**3.5044**	**0.0233**	**27 10 25.7**	**15.578**	**0.329**		**Fund. Cat.**	**27 424**
1421	8.8	2 36 11.38	+3.4902	+0.0227	+26 23 35.0	+15.575	−0.327	86.5	1048 1503	26 452
1422	8.9	36 28.36	3.5134	0.0237	27 36 42.3	15.559	0.330	87.0	1051 1541	27 425
1423	6.4	36 36.18	3.4678	0.0218	25 6 19.6	15.552	0.326	85.5	1049 1342	25 441
1424	8.6	36 44.79	3.4938	0.0228	26 31 14.9	15.544	0.328	84.4	626 1542	26 454
1425	7.9	37 8.85	3.5126	0.0236	27 29 3.2	15.522	0.331	82.0	166 1544	27 428
1426	7.5	2 37 12.09	+3.5403	+0.0248	+28 55 50.3	+15.519	−0.333	86.0	1049 1340 1341	28 455
1427	9.3	37 39.71	3.4809	0.0222	25 42 16.6	15.493	0.329	87.7	168 1639 1640 1762	25 444
1428	8.3	37 45.87	3.5301	0.0242	28 19 37.2	15.487	0.334	82.3	522 1048 1145	28 456
1429	8.6	38 8.54	3.5612	0.0254	29 47 23.7	15.466	0.337	84.6	1047 1142 1143	29 461
1430	8.8	38 12.60	3.5012	0.0228	26 34 29.0	15.463	0.332	77.0	163 171 722 724	26 455
1431	9.2	2 38 21.91	+3.5628	+0.0255	+29 55 51.0	+15.454	−0.338	86.0	1240 1242	29 462
1432	9.3	38 27.82	3.5621	0.0255	29 52 39.9	15.449	0.338	89.6	1243 1766	29 463
1433	9.1	38 34.46	3.4975	0.0227	26 29 58.5	15.442	0.332	90.5	1503 1645	26 456*
1434	9.5	38 40.10	3.5466	0.0247	29 3 53.2	15.437	0.337	93.9	1873 1876	28 458
1435	9.1	38 52.65	3.5054	0.0230	26 53 26.6	15.425	0.334	90.1	1545	26 457*
1436	8.0	2 38 57.33	+3.4731	+0.0217	+25 7 37.0	+15.421	−0.330	76.0	168 532	25 449
1437	8.7	39 3.41	3.4991	0.0227	26 31 35.6	15.415	0.333	81.0	626 954	26 458
1438	9.0	39 4.66	3.5180	0.0235	27 31 46.8	15.414	0.335	74.5	61 344	27 435
1439	9.3	39 5.15	3.5113	0.0232	27 10 21.4	15.414	0.334	73.4	58 166	27 434
1440	8.7	39 8.45	3.5507	0.0249	29 13 13.9	15.411	0.337	87.0	1340 1341	29 465
1441	9.0	2 39 19.56	+3.5465	+0.0247	+28 58 39.2	+15.400	−0.338	93.1	1769 1770	28 460
1442	9.1	39 19.93	3.5069	0.0230	26 54 32.2	15.400	0.334	89.9	1542	26 459*
1443	9.3	39 29.59	3.4934	0.0224	26 9 56.3	15.391	0.333	93.9	1874 1877	26 460
1444	8.9	39 30.99	3.5435	0.0245	28 48 5.5	15.390	0.338	86.5	724 1762	28 461
1445	8.6	39 33.83	3.5581	0.0252	29 32 12.7	15.387	0.339	89.0	1051 1875	29 468
1446	9.0	2 39 50.69	+3.5178	+0.0234	+27 25 31.2	+15.371	−0.336	83.0	58 1770	27 438
1447	8.2	39 54.05	3.4951	0.0225	26 12 44.9	15.368	0.334	74.5	163 271	26 461
1448	9.2	39 58.72	3.5522	0.0249	29 10 54.2	15.364	0.339	92.0	1544 1878	29 470
1449	9.5	40 1.22	3.4939	0.0224	26 8 8.5	15.361	0.334	73.9	163	26 462*
1450	9.5	40 3.86	3.4813	0.0219	25 27 7.6	15.359	0.333	72.9	56	25 450*

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1451	7.5	$2^h\ 40^m\ 12^s.82$	+3ˢ.5521	+0ˢ.0248	+29° 9′ 12″.1	+15″.350	−0″.339	89.4	1145 1871	29° 471
1452	5.1	40 28.22	3.5444	0.0245	28 43 35.4	15.336	0.339	75.3	63 269 522	28 462
1453	8.5	40 36.09	3.5407	0.0242	28 31 12.3	15.329	0.339	83.6	954 1052	28 463
1454	8.1	40 47.08	3.5033	0.0227	26 32 52.6	15.318	0.336	84.5	271 1879	26 465
1455	8.3	40 50.70	3.5670	0.0253	29 49 13.7	15.315	0.343	84.9	1142 1143	29 473
1456	9.0	2 40 58.67	+3.5290	+0.0237	+27 52 12.6	+15.307	−0.339	90.5	1049 1642 1649 1881	27 441
1457	8.5	41 17.87	3.4715	0.0215	24 46 23.1	15.289	0.334	89.0	1243 1645	*24 394*
1458	8.9	41 19.10	3.4962	0.0224	26 5 42.3	15.288	0.337	79.0	271 954	26 467
1459	8.6	41 24.73	3.4878	0.0220	25 38 17.3	15.283	0.336	79.0	532 724	25 452
1460	9.5	41 27.26	3.4788	0.0217	25 9 1.4	15.280	0.335	94.1	1885	25 453
1461	9.0	2 41 32.26	+3.5485	+0.0245	+28 48 16.2	+15.276	−0.342	78.5	63 1048	28 464
1462	9.3	41 38.18	3.4742	0.0214	24 52 56.9	15.275	0.335	91.9	1639	*24 397*
1463	9.4	41 58.05	3.5347	0.0238	28 2 15.2	15.251	0.341	94.0	1882	27 443
1464	9.4	42 1.27	3.5392	0.0240	28 16 25.7	15.248	0.342	74.0	63 269	28 466
1465	9.2	42 12.47	3.5756	0.0256	30 4 36.7	15.238	0.345	93.1	1769 1770	29 479
1466	8.5	2 42 22.08	+3.5009	+0.0224	+26 13 57.2	+15.229	−0.339	83.4	163 1762	26 468
1467	9.0	42 23.73	3.5641	0.0250	29 28 38.1	15.227	0.345	83.1	954	29 480*
1468	9.0	42 30.72	3.5104	0.0228	26 43 15.2	15.220	0.340	84.0	163 1880	26 470
1469	7.1	42 31.23	3.5750	0.0255	30 0 23.8	15.220	0.346	82.0	724 1053	29 481
1470	**3.8**	**42 37.77**	**3.5112**	**0.0228**	**26 44 37.8**	**15.214**	**0.340**		**Fund. Cat.**	**26 471**
1471	8.1	2 42 57.41	+3.4757	+0.0214	+24 48 51.2	+15.195	−0.338	84.9	1142	*24 400*
1472	9.3	43 0.32	3.5610	0.0248	29 15 3.1	15.192	0.345	94.0	1877 1878	29 482
1473	7.4	43 34.69	3.5729	0.0253	29 46 8.7	15.159	0.348	84.0	1048 1051	29 484
1474	7.7	43 37.53	3.5775	0.0254	29 59 28.7	15.157	0.348	84.0	1049 1053	29 485
1475	9.5	44 16.75	3.5379	0.0237	27 55 40.2	15.119	0.344	82.9	166 1639	27 447
1476	8.3	2 44 17.68	+3.5025	+0.0223	+26 5 45.9	+15.118	−0.342	88.2	5 obs.[1]	26 474
1477	9.5	44 27.48	3.5592	0.0246	28 59 8.3	15.109	0.348	74.0	63 270	28 469
1478	8.0	44 29.56	3.5156	0.0227	26 45 24.0	15.107	0.344	76.3	163 271 724	26 475
1479	8.3	44 35.81	3.5736	0.0251	29 40 36.2	15.101	0.349	90.0	1051 1762 1769	29 488
1480	8.0	44 38.64	3.5804	0.0254	30 0 28.4	15.098	0.350	90.3	1048 1765 1875	29 489
1481	8.9	2 44 46.75	+3.5658	+0.0248	+29 16 17.8	+15.090	−0.349	85.0	1049 1245	29 491
1482	8.5	44 49.01	3.5127	0.0226	26 34 8.1	15.088	0.344	83.9	163 1874	26 476
1483	9.0	44 49.75	3.5427	0.0238	28 6 37.5	15.088	0.347	83.5	63 1873	28 470
1484	8.7	44 51.40	3.5507	0.0241	28 30 19.2	15.086	0.348	80.5	269 1244	28 471
1485	8.3	44 54.59	3.5742	0.0251	29 39 54.6	15.083	0.350	93.1	1770 1772	29 492
1486	8.9	2 44 56.32	+3.4772	+0.0212	+24 40 57.5	+15.081	−0.342	91.9	1642	*24 405*
1487	9.1	44 56.50	3.5565	0.0243	28 47 21.8	15.081	0.349	86.1	1243	28 472*
1488	8.7	45 25.25	3.5747	0.0250	29 37 47.5	15.053	0.351	84.0	724 952 1503	29 493
1489	8.6	45 28.39	3.5334	0.0233	27 33 42.3	15.050	0.347	73.2	58 59 61 166	27 448
1490	8.3	45 36.74	3.5615	0.0245	28 56 47.3	15.042	0.350	81.3	522 725 954 1052	28 473
1491	9.5	2 45 39.66	+3.4945	+0.0218	+25 31 21.5	+15.040	−0.344	82.0	168 1545	25 455
1492	9.0	45 40.01	3.5264	0.0229	27 0 57.1	15.039	0.346	83.8	171 271 1766 1767	26 478
1493	8.9	45 49.77	3.4926	0.0217	25 24 6.9	15.030	0.344	75.0	56 168 532	25 456
1494	8.9	45 53.42	3.5700	0.0248	29 20 29.4	15.026	0.352	81.1	630 725 1053	29 494
1495	9.5	45 54.56	3.5133	0.0225	26 29 5.4	15.025	0.346	73.9	163	26 479*
1496	8.8	2 46 18.17	+3.5520	+0.0240	+28 24 28.1	+15.002	−0.350	78.7	60 522 724 1049	28 474
1497	9.0	46 33.44	3.5768	0.0250	29 35 46.4	14.987	0.353	83.7	958 1048 1051	29 495
1498	7.3	46 38.79	3.5102	0.0223	26 14 7.8	14.982	0.346	81.0	626 728 888 952	26 480
1499	9.0	46 50.94	3.5148	0.0224	26 26 57.1	14.970	0.348	74.5	171 271	26 481
1500	9.5	47 10.33	3.5423	0.0235	27 48 47.3	14.952	0.351	73.2	58 59 61 166	27 453

[1] Z. 954 1052 1543 1646 1647

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1501	9.4	$2^h\ 47^m\ 27^s.38$	+3ˢ.5506	+0ˢ.0239	+28° 11′ 51″.8	+14″.935	−0″.352	73.8	60 63 172 269	28° 475
1502	9.2	47 49.60	3.5315	0.0230	27 11 44.7	14.913	0.351	76.1	344	27 454*
1503	8.4	47 58.02	3.5169	0.0224	26 25 53.2	14.905	0.350	74.3	163 171 271	26 482
1504	7.2	47 58.78	3.5322	0.0230	27 12 47.0	14.905	0.351	76.4	59 344 725	27 455
1505	8.9	47 59.01	3.5096	0.0221	26 3 0.0	14.904	0.349	76.0	5 obs.[1]	25 459
1506	9.0	2 48 0.58	+3.5034	+0.0219	+25 44 10.7	+14.903	−0.348	84.1	1052	— —
1507	8.2	48 1.16	3.5406	0.0233	27 38 10.1	14.902	0.352	79.7	166 950 957	27 456
1508	9.3	48 7.58	3.5677	0.0244	28 57 55.2	14.896	0.355	79.6	269 522 1243	28 476
1509	8.6	48 7.98	3.5882	0.0253	29 57 29.3	14.896	0.357	86.0	630 1762	29 500
1510	9.0	48 12.54	3.5024	0.0218	25 39 39.0	14.891	0.348	79.6	5 obs.[2]	25 460
1511	9.1	2 48 15.23	+3.5883	+0.0253	+29 56 57.5	+14.888	−0.357	79.1	630	— —
1512	7.6	48 15.48	3.5163	0.0224	26 22 12.6	14.888	0.350	77.7	171 626 724	26 484
1513	9.5	48 16.11	3.5081	0.0221	25 56 34.9	14.887	0.350	85.0	1049 1244	25 463
1514	9.0	48 27.44	3.5182	0.0223	26 26 41.4	14.876	0.351	76.7	163 271 957	26 485
1515	8.0	48 28.50	3.5439	0.0234	27 44 56.1	14.875	0.353	76.0	58 61 166 1051	27 457
1516	8.1	2 48 45.44	+3.5021	+0.0217	+25 35 1.1	+14.859	−0.349	78.0	56 958	25 465
1517	7.0	48 48.45	3.5630	0.0241	28 39 24.1	14.856	0.355	73.4	60 63 172	28 477
1518	9.1	49 29.68	3.5916	0.0252	29 57 49.1	14.815	0.359	81.8	427 725 952 1342	29 501
1519	9.1	49 51.28	3.5252	0.0225	26 38 52.5	14.794	0.354	86.0	1240 1242	26 487*
1520	8.8	49 56.27	3.5137	0.0220	26 3 2.8	14.789	0.353	78.1	7 obs.	25 467
1521	8.9	2 50 5.51	+3.5774	+0.0245	+29 12 19.5	+14.780	−0.358	79.8	425 630 725 951	29 502
1522	9.1	50 12.96	3.5138	0.0220	26 1 31.4	14.773	0.353	86.4	1243 1245 1340	25 469*
1523	9.0	50 16.11	3.5768	0.0244	29 9 29.1	14.770	0.359	81.3	427 888 951 952	29 503
1524	9.1	50 20.51	3.5795	0.0246	29 16 36.9	14.765	0.359	83.1	954 957	29 504
1525	9.2	50 32.06	3.5016	0.0216	25 22 9.5	14.754	0.352	83.0	168 532 1543 1545	25 470
1526	9.1	2 50 39.19	+3.5041	+0.0216	+25 29 6.5	+14.747	−0.353	87.6	1244 1503	25 471*
1527	9.0	50 47.96	3.5308	0.0226	26 49 34.8	14.738	0.355	74.0	163 171	26 489*
1528	8.5	50 52.61	3.5310	0.0226	26 50 4.5	14.734	0.355	74.0	163 171	26 491
1529	9.5	50 53.42	3.5355	0.0227	27 2 56.8	14.733	0.356	73.5	61 166	26 490*
1530	8.3	51 30.82	3.5212	0.0222	26 16 3.0	14.696	0.356	79.5	271 724 726 954	26 493
1531	9.5	2 51 46.90	+3.5990	+0.0251	+30 2 20.0	+14.680	−0.364	86.1	630 1767	29 505
1532	9.4	51 53.54	3.5660	0.0238	28 26 48.7	14.673	0.361	75.0	63 172 522	28 479
1533	9.0	51 56.99	3.4966	0.0212	24 57 51.9	14.670	0.354	75.0	56 168 270 532	24 418
1534	8.6	52 0.17	3.5332	0.0225	26 48 58.5	14.667	0.358	80.0	163 171 1240 1242	26 494
1535	9.2	52 3.31	3.5995	0.0251	30 1 53.7	14.663	0.364	79.8	425 427 630 1245	29 507
1536	9.5	2 52 20.60	+3.5589	+0.0235	+28 3 8.6	+14.646	−0.361	83.0	58 1764	27 462
1537	8.3	52 22.53	3.6018	0.0251	30 6 22.6	14.644	0.365	86.7	1243 1342 1344	30 474
1538	8.6	52 27.55	3.5338	0.0225	26 48 5.3	14.639	0.359	89.7	1244 1543 1762	26 495
1539	8.4	52 35.38	3.5259	0.0222	26 23 19.8	14.632	0.358	79.3	271 724 725 888	26 496
1540	9.4	52 36.09	3.5485	0.0231	27 30 58.4	14.631	0.360	74.0	59 61 166 344	27 463
1541	8.3	2 52 54.97	+3.6024	+0.0250	+30 4 14.1	+14.612	−0.366	77.7	425 427 630	29 508
1542	9.2	53 11.43	3.5563	0.0232	27 50 7.8	14.596	0.362	74.3	59 166 344	27 464
1543	9.5	53 43.08	3.5758	0.0239	28 42 56.2	14.564	0.365	76.0	172 522	28 480
1544	9.5	53 48.20	3.5307	0.0222	26 29 56.3	14.559	0.361	79.4	5 obs.[3]	26 498
1545	9.2	53 55.67	3.5231	0.0219	26 6 37.1	14.551	0.360	80.1	726	26 499*
1546	9.4	2 54 11.51	+3.5314	+0.0222	+26 29 42.0	+14.535	−0.361	81.0	171 954 957 1049	26 501
1547	9.1	54 13.71	3.5769	0.0239	28 42 48.5	14.533	0.366	76.2	60 172 522 724	28 482
1548	9.4	54 14.19	3.5625	0.0234	28 1 20.7	14.533	0.364	74.0	58 61 166 344	27 466
1549	9.3	54 19.40	3.5682	0.0236	28 17 1.8	14.527	0.365	83.4	951 957 958	28 483
1550	6.2	54 32.36	3.5215	0.0218	25 57 59.5	14.514	0.361	75.0	56 168 270 532	25 477

[1] Z. 56 168 270 532 728 [2] Z. 168 270 952 954 958 [3] Z. 163 171 888 954 1048

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1551	9.1	2h 54m 40.45	+3.6049	+0.0250	+29° 59′ 14.6	+14.506	−0.369	80.1	427 535 630 1243	29° 512
1552	9.3	55 0.83	3.5795	0.0239	28 45 54.8	14.486	0.367	77.0	5 obs.[1]	28 485
1553	7.1	55 1.58	3.5256	0.0219	26 7 11.9	14.485	0.362	78.4	271 725 726	26 503
1554	9.4	55 10.00	3.5172	0.0215	25 36 56.6	14.476	0.361	76.5	56 727	25 478
1555	9.2	55 13.64	3.5303	0.0221	26 20 9.0	14.473	0.363	74.7	163 171 346	26 505
1556	9.2	2 55 18.10	+3.5929	+0.0244	+29 21 6.7	+14.468	−0.369	86.6	1244 1342	29 514
1557	9.1	55 50.61	3.5162	0.0215	25 34 9.2	14.435	0.362	83.4	8 obs.	25 479*
1558	6.6	56 2.56	3.5616	0.0231	27 46 39.3	14.423	0.367	74.2	5 obs.[2]	27 468
1559	8.1	56 5.42	3.5473	0.0226	27 4 40.0	14.420	0.365	77.3	59 344 537 888	27 469
1560	8.5	56 8.87	3.6092	0.0249	30 1 8.5	14.417	0.372	77.7	425 427 630	29 517
1561	9.1	2 56 21.81	+3.5462	+0.0225	+26 59 48.5	+14.404	−0.366	75.0	58 61 166 725	26 506*
1562	8.5	56 32.02	3.5676	0.0233	28 1 3.5	14.393	0.368	88.1	1245 1501 1503	27 471
1563	9.0	57 25.12	3.5893	0.0240	28 56 51.6	14.339	0.372	79.2	7 obs.	28 487
1564	9.0	57 35.31	3.6059	0.0246	29 42 23.1	14.329	0.374	80.1	724 725 726 727	29 518
1565	8.7	57 39.16	3.5577	0.0227	27 25 26.1	14.325	0.369	80.4	344 537 1342	27 474
1566	9.4	57 43.87	+3.5576	+0.0227	+27 27 23.2	+14.320	−0.369	79.7	59 954 957	27 475
1567	7.9	57 48.35	3.5924	0.0240	29 3 14.2	14.316	0.373	93.5	1762 1764 1871 1873	28 488
1568	8.5	58 8.89	3.5579	0.0227	27 22 53.4	14.295	0.370	78.4	58 344 1243	27 477
1569	8.6	58 9.56	3.5172	0.0213	25 22 51.4	14.294	0.366	74.7	56 168 424	25 484
1570	8.6	58 10.70	3.6145	0.0248	30 2 20.5	14.293	0.376	77.7	425 427 630	29 519
1571	9.0	2 58 11.14	+3.5243	+0.0215	+25 43 57.3	+14.292	−0.366	80.0	5 obs.[3]	25 485
1572	8.4	58 21.46	3.5546	0.0226	27 12 2.1	14.282	0.370	77.8	61 166 537 1245	27 478
1573	9.1	58 45.56	3.5095	0.0209	24 56 40.3	14.257	0.366	78.0	168 724 727	24 433
1574	8.9	58 50.93	3.5219	0.0213	25 33 11.8	14.251	0.367	79.3	424 725 726 728	25 487
1575	7.5	59 17.60	3.6173	0.0247	30 2 35.0	14.224	0.378	78.0	425 427(2) 535 630	29 522
1576	7.7	2 59 46.77	+3.5880	+0.0236	+28 38 20.0	+14.194	−0.375	74.4	60 172 348	28 493
1577	9.3	3 0 17.64	3.5900	0.0236	28 40 34.8	14.162	0.377	74.4	60 172 348	28 494
1578	8.1	0 29.62	3.5151	0.0209	25 4 19.0	14.150	0.369	86.7	1244 1342 1344	24 437
1579	9.5	0 42.43	3.6198	0.0246	30 0 19.4	14.137	0.380	82.1	728 888 954 957	29 527
1580	9.2	0 58.25	3.5983	0.0238	28 59 31.2	14.120	0.379	75.1	172 348	28 495
1581	8.1	3 1 4.33	+3.5329	+0.0214	+25 52 37.1	+14.114	−0.372	75.8	6 obs.[4]	25 495
1582	8.6	1 5.06	3.5251	0.0211	25 29 16.5	14.113	0.371	86.2	5 obs.[5]	25 496
1583	9.0	1 18.89	3.6152	0.0244	29 43 44.0	14.099	0.381	77.1	427	29 528*
1584	8.0	1 19.38	3.5176	0.0209	25 6 41.5	14.098	0.371	90.1	1344 1765	25 497
1585	9.5	1 26.96	3.5548	0.0222	26 53 53.7	14.090	0.375	75.1	171 346	26 511
1586	8.5	3 1 30.42	+3.5137	+0.0207	+24 53 24.2	+14.087	−0.371	89.1	1501 1503	*24 441*
1587	6.0	2 5.72	3.5923	0.0235	28 35 51.9	14.050	0.380	74.4	60 172 348	28 499
1588	9.0	2 9.78	3.6181	0.0244	29 46 16.2	14.046	0.383	77.6	425 535	29 529
1589	8.7	2 21.48	3.5343	0.0213	25 48 57.4	14.034	0.374	75.5	56 168 424 532	25 500
1590	9.2	2 30.06	3.6054	0.0239	29 9 24.4	14.025	0.382	83.1	630 951 1342	29 530
1591	9.4	3 2 36.20	+3.5169	+0.0207	+24 56 40.1	+14.018	−0.373	76.3	168 424 532	24 446
1592	6.9	2 41.16	3.5667	0.0224	27 20 35.6	14.013	0.378	75.7	6 obs.[6]	27 480
1593	8.8	2 43.50	3.6066	0.0239	29 11 16.7	14.011	0.382	77.4	425 427 535	29 531
1594	8.7	2 50.46	3.5145	0.0206	24 48 15.2	14.004	0.373	86.1	1242 1244 1245	*24 449*
1595	6.0	3 1.92	3.5480	0.0217	26 24 58.3	13.992	0.377	75.0	171 271 346	26 516
1596	9.1	3 3 10.28	+3.5788	+0.0228	+27 51 37.7	+13.983	−0.380	74.0	58 61 166 344	27 481
1597	8.7	4 5.48	3.5492	0.0217	26 22 14.2	13.925	0.378	75.0	171 271 346	26 519
1598	8.0	4 23.90	3.6142	0.0239	29 21 27.0	13.906	0.386	77.7	425 427 630	29 534
1599	9.0	4 41.92	3.6145	0.0239	29 20 52.5	13.887	0.386	78.8	425 427 535 630	29 535
1600	6.2	4 47.63	3.5593	0.0219	26 47 2.3	13.881	0.380	75.5	271 346	26 523

[1] Z. 60 172 348 724 888
[2] » 58 59 61 166 537
[3] Z. 270 532 725 954 1048
[4] » 56 168 270 424 532 534
[5] Z. 1240 1242 1243 1245 1341
[6] » 58 61 166 344 537 721

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1601	9.3	3h 5m 0.92	+3.5647	+0.0221	+27° 1′ 13.9	+13.868	−0.381	93.1	1769 1770	26° 525
1602	8.3	5 46.64	3.5250	0.0206	25 2 37.7	13.818	0.379	77.5	424 532	24 451
1603	8.3	5 57.34	3.5435	0.0213	25 55 15.9	13.807	0.381	90.4	1242 1651 1764	25 510
1604	9.1	6 1.42	3.5959	0.0231	28 22 8.0	13.803	0.386	75.1	172 348	28 506
1605	8.5	6 4.76	3.6048	0.0233	28 45 42.8	13.799	0.387	83.6	172 1765	28 507
1606	9.0	3 7 6.05	+3.5945	+0.0229	+28 11 36.9	+13.735	−0.388	75.0	60 172 536	28 508
1607	8.4	7 38.89	3.6042	0.0232	28 34 56.1	13.699	0.389	83.4	348 1245 1437	28 509
1608	5.6	7 43.97	3.6382	0.0243	30 5 23.3	13.694	0.394	86.7	1242 1340 1341	30 512
1609	8.3	7 50.83	3.5492	0.0212	26 1 5.2	13.687	0.384	87.8	1244 1344 1501 1503	25 515
1610	9.1	8 6.85	3.5300	0.0205	25 4 35.1	13.670	0.382	76.4	5 obs.[1]	24 456
1611	7.9	3 8 7.85	+3.5587	+0.0215	+26 26 17.0	+13.669	−0.385	80.0	8 obs.	26 530
1612	9.0	8 50.89	3.5283	0.0203	24 55 49.6	13.623	0.384	87.3	1243 1342 1435 1436	24 459
1613	9.2	8 56.16	3.6125	0.0232	28 49 49.7	13.617	0.393	74.4	60 172 348	28 510
1614	8.8	8 57.22	3.5291	0.0204	24 57 49.1	13.616	0.384	79.4	168 534 1245	24 460
1615	9.5	8 59.89	3.6274	0.0238	29 29 15.9	13.613	0.394	74.1	175	— —
1616	8.3	3 9 7.44	+3.5459	+0.0209	+25 44 42.1	+13.605	−0.385	77.7	424 531 532	25 517
1617	9.5	9 10.57	3.5955	0.0226	28 2 20.0	13.602	0.391	73.0	58 61	27 487*
1618	9.0	9 12.83	3.5311	0.0204	25 2 1.4	13.599	0.384	87.6	270 1876 1879	24 461
1619	9.5	9 14.91	3.5306	0.0204	25 0 29.0	13.597	0.384	78.1	534	— —
1620	9.4	9 19.43	3.5398	0.0207	25 26 23.0	13.592	0.385	89.5	1437 1611	25 518
1621	8.1	3 9 31.80	+3.6019	+0.0228	+28 17 46.3	+13.579	−0.392	75.7	172 348 427	28 511
1622	8.6	9 32.08	3.5959	0.0225	28 1 21.6	13.578	0.392	74.2	6 obs.[2]	27 488
1623	8.2	9 38.01	3.5338	0.0205	25 7 30.0	13.572	0.385	80.6	725 726 727 888	25 521
1624	8.8	10 4.77	3.5624	0.0214	26 25 58.6	13.543	0.389	75.1	171 346	26 534
1625	9.4	10 5.55	3.6294	0.0237	29 28 10.9	13.543	0.396	77.1	175 535 630	29 540
1626	9.5	3 10 6.97	+3.6221	+0.0234	+29 8 47.2	+13.541	−0.395	94.0	1877 1878	29 541
1627	9.2	10 8.14	3.5970	0.0225	28 1 1.6	13.540	0.392	74.0	58 59 166 344	27 489
1628	9.0	10 19.64	3.6190	0.0233	28 59 17.4	13.527	0.396	79.5	60 1242	28 513
1629	8.9	10 36.98	3.5748	0.0217	26 57 20.7	13.509	0.391	80.3	271 725 726 1244	26 535
1630	9.2	10 37.60	3.5435	0.0206	25 29 42.1	13.508	0.388	93.1	1767 1772	25 527
1631	9.5	3 10 43.03	+3.5652	+0.0214	+26 30 21.0	+13.502	−0.390	81.6	727 728 954 957	26 536
1632	9.0	10 45.61	3.6401	0.0239	29 52 22.8	13.499	0.398	76.3	175 425 427 427	29 542
1633	9.2	10 52.13	3.5537	0.0210	25 57 28.9	13.492	0.389	76.6	168 531 532	25 528
1634	8.8	10 52.46	3.5643	0.0213	26 27 8.4	13.492	0.390	81.1	171 346 1342 1345	26 537
1635	8.7	10 54.77	3.6039	0.0227	28 15 13.4	13.490	0.395	77.6	60 172 348 1344	28 514
1636	9.3	3 10 57.21	+3.5431	+0.0206	+25 26 40.5	+13.487	−0.388	77.6	424 540	25 529*
1637	9.3	11 6.53	3.5805	0.0219	27 10 29.7	13.477	0.392	78.4	6 obs.[3]	27 490
1638	9.5	11 12.20	3.5809	0.0219	27 11 6.7	13.471	0.393	94.0	1880 1881	27 491
1639	9.2	11 14.86	3.5533	0.0209	25 53 56.1	13.468	0.389	80.1	728	25 530*
1640	9.2	11 22.72	3.5521	0.0209	25 49 54.7	13.459	0.389	81.1	5 obs.[4]	25 531
1641	8.5	3 11 33.10	+3.5610	+0.0212	+26 14 10.0	+13.448	−0.390	82.7	171 1340 1341	26 539
1642	9.2	11 35.68	3.5359	0.0203	25 3 18.8	13.445	0.388	82.0	168 532 1435 1436	24 467
1643	9.4	11 48.67	3.6060	0.0226	28 15 41.8	13.431	0.396	76.1	172 348 536	28 515
1644	7.8	12 8.47	3.5806	0.0218	27 5 8.3	13.410	0.394	74.0	58 61 166 344	27 492
1645	9.4	12 15.03	3.5401	0.0208	25 39 34.1	13.403	0.390	77.7	424 534 540	25 533
1646	6.0	3 12 28.00	+3.5710	+0.0214	+26 37 2.1	+13.388	−0.394	78.1	171 726 727	26 540
1647	9.2	12 31.52	3.5399	0.0204	25 9 32.1	13.384	0.390	80.8	168 531 1149 1244	25 534
1648	9.0	12 40.69	3.5990	0.0223	27 52 5.3	13.375	0.397	75.7	59 347 538	27 493
1649	5.2	12 46.81	3.6155	0.0228	28 35 36.4	13.368	0.399	78.1	172 536 725 728	28 516
1650	9.0	12 49.99	3.6410	0.0237	29 42 31.4	13.365	0.402	76.4	175 425 535	29 545

[1] Z. 168 270 424 532 534 [2] Z. 58 59 61 166 344 347 [3] Z. 59 61 166 347 1243 1437 [4] Z. 534 725 888 890 954

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1651	6.5	$3^h\,13^m\ 1^s.17$	$+3^s.5418$	$+0^s.0203$	$+25°\,12'\,38''.7$	$+13''.352$	$-0''.391$	78.2	5 obs.[1]	25° 536
1652	8.8	13 6.82	3.6112	0.0227	28 22 26.3	13.346	0.399	78.4	60 348 1243	28 517
1653	7.9	13 10.74	3.5693	0.0212	26 28 21.1	13.342	0.394	79.4	346 727 888	26 542
1654	9.0	13 13.89	3.6027	0.0224	27 58 49.7	13.339	0.398	75.0	58 344 347	27 494
1655	9.4	13 35.12	3.6463	0.0237	29 51 59.1	13.315	0.404	83.6	175 1767	29 548
1656	8.5	3 13 42.30	+3.6457	+0.0237	+29 49 29.1	+13.308	−0.404	79.4	7 obs.[2]	29 549
1657	9.5	13 53.25	3.6032	0.0223	27 56 41.2	13.296	0.399	77.8	59 61 727 728 954	27 496
1658	9.0	13 57.11	3.5788	0.0215	26 50 21.0	13.292	0.397	79.6	171 726 888 891	26 543
1659	9.1	14 30.20	3.5540	0.0206	25 38 52.3	13.255	0.395	76.6	5 obs.[3]	25 537*
1660	9.5	14 30.85	3.6043	0.0222	27 56 18.3	13.255	0.400	73.5	61 166	27 499
1661	9.1	3 14 35.80	+3.6109	+0.0224	+28 13 17.1	+13.249	−0.400	75.3	60 172 348 536	28 520
1662	5.8	14 41.78	3.5873	0.0216	27 9 24.4	13.243	0.398	75.0	58 344 347	27 500
1663	9.1	14 49.66	3.5417	0.0201	25 2 51.5	13.234	0.394	81.2	6 obs.[4]	24 473*
1664	9.3	14 52.40	3.6043	0.0222	27 54 17.5	13.231	0.401	76.0	166 538	— —
1665	9.1	14 52.95	3.5425	0.0202	25 4 57.1	13.231	0.394	78.1	540	24 474*
1666	8.0	3 15 15.07	+3.6384	+0.0233	+29 22 9.1	+13.206	−0.405	83.3	5 obs.[5]	29 552
1667	8.8	15 15.72	3.6384	0.0233	29 22 6.4	13.205	0.405	85.5	425 1876	
1668	8.7	15 28.20	3.5906	0.0216	27 14 14.8	13.192	0.399	74.8	59 61 166 344 538	27 501
1669	8.5	15 30.38	3.5675	0.0209	26 11 24.7	13.189	0.397	84.6	171 1245 1345 1611	26 547
1670	7.1	15 36.74	3.5735	0.0210	26 27 9.0	13.182	0.398	79.8	346 725 727 954	26 548
1671	9.1	3 15 38.85	+3.6293	+0.0229	+28 56 3.6	+13.180	−0.405	75.3	60 172 348 536	28 522
1672	8.3	15 51.40	3.6543	0.0237	29 59 27.7	13.166	0.408	80.1	6 obs.[6]	29 555
1673	8.4	16 2.80	3.5855	0.0214	26 57 15.9	13.154	0.400	79.4	6 obs.[7]	26 550
1674	9.0	16 16.30	3.6424	0.0232	29 26 39.8	13.139	0.407	77.1	5 obs.[8]	29 556
1675	9.2	16 20.37	3.5430	0.0201	24 58 55.1	13.134	0.396	77.0	5 obs.[9]	24 478*
1676	9.1	3 16 43.21	+3.6098	+0.0221	+27 59 1.2	+13.109	−0.404	75.8	5 obs.[10]	27 503
1677	9.0	17 4.76	3.5995	0.0217	27 29 45.4	13.085	0.403	74.6	5 obs.[11]	27 505
1678	9.4	17 10.48	3.6241	0.0225	28 34 7.0	13.079	0.406	82.1	893	28 524*
1679	7.3	17 15.10	3.6160	0.0222	28 12 33.6	13.074	0.405	76.1	172 348 536	28 526
1680	9.0	17 27.83	3.6179	0.0223	28 16 19.4	13.060	0.405	79.7	172 348 1503	28 529
1681	9.4	3 17 27.93	+3.6252	+0.0225	+28 35 53.3	+13.060	−0.407	79.7	6 obs.[12]	28 528
1682	9.1	17 37.10	3.5455	0.0200	24 59 41.3	13.050	0.398	77.0	5 obs.[13]	24 484
1683	9.0	17 59.11	3.5574	0.0203	25 30 32.0	13.025	0.400	85.8	1149 1243 1244	25 543
1684	8.6	18 21.39	3.5562	0.0202	25 25 46.2	13.001	0.400	78.0	531 534 540	25 545
1685	9.4	18 48.96	3.5824	0.0209	26 34 47.3	12.970	0.404	80.1	728	26 553*
1686	9.4	3 18 57.32	+3.5985	+0.0214	+27 17 0.6	+12.960	−0.406	73.5	59 166	27 507*
1687	7.1	19 0.74	3.6211	0.0222	28 16 39.5	12 957	0.409	75.3	60 172 348 536	28 532
1688	9.0	19 3.62	3.6493	0.0231	29 29 1.5	12.954	0.411	77.1	5 obs.[14]	29 560
1689	9.5	19 5.68	3.5891	0.0211	26 51 26.0	12.951	0.405	74.1	171	— —
1690	8.7	19 30.56	3.5467	0.0198	24 53 46.1	12.923	0.401	86.7	5 obs.[15]	*24 488*
1691	9.0	3 20 5.94	+3.5601	+0.0201	+25 27 44.5	+12.884	−0.403	85.8	1149 1243 1247	25 547
1692	9.0	20 6.54	3.6013	0.0214	27 18 48.8	12.883	0.408	75.1	8 obs.	27 509
1693	9.4	20 20.30	3.6469	0.0228	29 15 52.1	12.868	0.413	77.1	175 535 630	29 563
1694	9.1	20 28.65	3.6411	0.0226	29 0 34.2	12.859	0.413	77.3	60 172 348 1244	28 534
1695	9.3	20 37.88	3.5495	0.0198	24 55 57.9	12.848	0.403	81.7	534 540 1503	24 494
1696	9.5	3 20 40.27	+3.5925	+0.0210	+26 52 18.1	+12.845	−0.408	74.1	171	— —
1697	9.1	20 43.03	3.6500	0.0229	29 21 45.5	12.842	0.414	77.1	175 427 535 630	29 565
1698	9.0	20 49.71	3.5737	0.0204	26 1 14.5	12.835	0.406	81.7	424 531 1545	25 550
1699	8.1	20 53.63	3.5697	0.0203	25 50 8.9	12.831	0.406	77.0	270 532 540	25 551
1700	8.5	21 2.81	3.6334	0.0223	28 37 37.4	12.820	0.413	79.6	7 obs.	28 535

[1] Z. 168 270 424 532 1345
[2] » 175 425 427(2) 535 630 1765
[3] » 168 270 531 534 540
[4] » 270 424 534 1149 1242 1244
[5] » 425 427 535 1650 1651
[6] Z. 175 630 726 888 891 951
[7] » 171 346 726 813 893 951
[8] » 175 425 427 535 630
[9] » 168 424 531 534 540
[10] » 58 166 347 537 538
[11] Z. 58 59 61 344 538
[12] » 60 725 727 728 888 951
[13] » 168 424 531 534 540
[14] » 175 425 427 535 630
[15] » 1242 1245 1340 1341 1345

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1701	6.9	3h 21m 6s.97	+3s.6674	+0s.0232	+29° 56' 22".3	+12".816	—0".416	81.4	6 obs.[1]	29° 566
1702	9.5	21 26.14	3.5936	0.0210	26 51 35.3	12.794	0.408	78.7	171 346 1245	26 559
1703	7.9	21 28.62	3.5717	0.0203	25 52 29.5	12.791	0.407	77.8	5 obs.[2]	25 554
1704	9.4	21 53.83	3.5930	0.0209	26 47 41.4	12.763	0.410	80.1	6 obs.[3]	26 561
1705	9.2	22 1.23	3.5548	0.0197	25 4 4.8	12.755	0.405	85.8	1149 1242 1243	24 497*
1706	9.5	3 22 7.18	+3.5789	+0.0204	+26 8 41.5	+12.748	—0.408	76.1	346	26 562*
1707	9.5	22 34.39	3.5801	0.0204	26 9 55.9	12.718	0.409	80.1	726 727	26 563
1708	7.5	22 37.12	3.6598	0.0229	29 36 31.7	12.714	0.418	79.4	175 427 1345	29 568
1709	8.7	22 49.91	3.5902	0.0207	26 35 31.3	12.700	0.410	81.1	725 728 888 893	26 565
1710	9.2	23 4.96	3.6418	0.0223	28 48 28.5	12.683	0.417	74.4	60 172 348	28 540
1711	9.0	3 23 16.59	+3.5624	+0.0198	+25 18 35.5	+12.670	—0.408	78.5	424 531 534 813	25 558
1712	8.5	23 21.54	3.6512	0.0226	29 10 58.3	12.664	0.418	77.1	175 535 630	29 570
1713	8.2	23 28.08	3.6074	0.0212	27 17 40.8	12.657	0.414	74.2	6 obs.[4]	27 513
1714	8.0	23 30.76	3.6076	0.0212	27 18 7.2	12.654	0.414	73.8	5 obs.[5]	27 514
1715	8.1	23 30.98	3.5936	0.0207	26 40 58.8	12.653	0.412	78.7	171 346 1245	26 566
1716	9.5	3 23 35.55	+3.6304	+0.0218	+28 16 42.4	+12.648	—0.416	74.1	172	— —
1717	9.0	23 44.20	3.5516	0.0195	24 47 6.2	12.638	0.408	86.5	1243 1340	*24 502*
1718	8.9	23 44.53	3.5788	0.0202	26 0 41.2	12.638	0.411	79.3	270 534 540 1247	25 561
1719	6.2	23 47.42	3.6046	0.0210	27 8 35.8	12.635	0.414	77.4	347 537 538	27 515
1720	6.0	23 48.20	3.6046	0.0210	27 8 35.0	12.634	0.414	83.1	537 538 1435 1436	
1721	8.9	3 23 48.75	+3.5726	+0.0200	+25 43 47.6	+12.633	—0.410	81.8	726 890 891 951	25 563
1722	8.1	23 50.30	3.5527	0.0195	24 49 38.6	12.631	0.408	86.2	5 obs.[6]	*24 503*
1723	9.1	23 54.48	3.5972	0.0208	26 48 53.5	12.627	0.413	78.1	171 725 727	26 567
1724	9.1	24 4.82	3.5633	0.0198	25 17 34.3	12.615	0.410	79.6	532 540 728 891	25 565
1725	9.2	24 22.81	3.6123	0.0212	27 25 58.4	12.595	0.415	83.0	166 1345 1437	27 517
1726	7.8	3 24 30.21	+3.6630	+0.0228	+29 34 41.1	+12.586	—0.421	76.9	175 425(2) 427(2) 630	29 571
1727	8.2	24 32.92	3.6516	0.0224	29 6 13.3	12.583	0.420	80.7	535 630 725 954	29 572
1728	9.5	24 41.07	3.6320	0.0217	28 15 12.0	12.574	0.418	81.1	348 1245	28 542
1729	8.9	25 2.97	3.6253	0.0215	27 56 20.9	12.549	0.418	78.7	6 obs.[7]	27 519
1730	9.5	25 3.63	3.5761	0.0200	25 46 45.2	12.548	0.412	83.6	270 1651	25 566*
1731	9.3	3 25 5.25	+3.6024	+0.0208	+26 56 38.0	+12.547	—0.415	78.9	5 obs.[8]	26 569
1732	9.1	25 39.65	3.6245	0.0214	27 51 1.6	12.507	0.418	74.3	59 166 344	27 521
1733	9.5	25 57.76	3.5810	0.0201	25 55 59.8	12.487	0.414	78.1	534	— —
1734	9.3	25 58.74	3.5825	0.0201	25 59 48.2	12.485	0.414	81.7	6 obs.[9]	25 567
1735	9.4	26 45.71	3.5839	0.0200	26 0 6.0	12.432	0.415	78.1	534 540	25 572
1736	9.3	3 26 52.63	+3.6574	+0.0222	+29 8 36.6	+12.424	—0.424	78.1	535	29 575*
1737	9.5	27 6.12	3.5669	0.0196	25 13 5.1	12.409	0.414	83.8	540 1244 1345	25 573
1738	9.2	27 19.78	3.6523	0.0220	28 53 33.0	12.393	0.424	78.1	5 obs.[10]	28 544
1739	8.3	27 27.40	3.5893	0.0201	26 11 13.4	12.384	0.417	80.8	171 346 1247 1341	26 572
1740	9.0	27 35.79	3.6681	0.0224	29 31 31.9	12.374	0.426	83.1	175 1650	29 577*
1741	9.1	3 27 35.93	+3.5892	+0.0200	+26 9 55.1	+12.374	—0.417	83.8	346 1242 1245 1340	26 573*
1742	8.5[11]	27 49.28	3.5956	0.0202	26 25 52.2	12.359	0.418	80.8	8 obs.	26 574
1743	8.9	27 50.55	3.6112	0.0207	27 6 20.8	12.357	0.420	74.0	59 61 166 344	27 525
1744	8.5	27 51.99	3.6187	0.0209	27 25 39.4	12.356	0.421	79.1	347 538 727 893	27 526
1745	9.5	28 3.64	3.6026	0.0204	26 43 4.9	12.343	0.419	80.7	727 728 888	26 576
1746	7.4	3 28 30.81	+3.6709	+0.0224	+29 33 56.7	+12.311	—0.428	76.7	175 425(2) 427(2) 535	29 579
1747	8.1	28 31.14	3.6141	0.0207	27 10 29.8	12.311	0.422	82.8	8 obs.	27 529
1748	9.4	28 32.21	3.5931	0.0201	26 15 43.5	12.310	0.419	83.1	958	26 578*
1749	8.9	28 35.66	3.6084	0.0205	26 55 34.5	12.306	0.421	78.1	171 725 728	26 579
1750	8.5	28 42.33	3.6467	0.0216	28 32 43.8	12.298	0.425	75.3	60 172 348 536	28 547

[1] Z. 175 425(2) 535 1611 1614
[2] » 424 531 532 534 540
[3] » 171 726 727 813 888 951
[4] » 58 59 61 166 344 347
[5] Z. 58 59 61 166 344
[6] » 1149 1242 1244 1341 1342
[7] » 61 347 538 726 893 951
[8] » 171 346 728 813 957
[9] Z. 424 531 540 1149 1243 1248
[10] » 60 172 348 536 1503
[11] Double star, south preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1751	8.8	$3^h\ 28^m\ 52^s.57$	+3.5646	+0.0192	+24° 58′ 55″.3	+12.287	−0.416	93.0	1765 1766	24° 512
1752	9.5	28 58.91	3.5982	0.0202	26 27 4.9	12.279	0.420	83.8	726 813 1244 1437	26 580
1753	7.1	29 1.11	3.6536	0.0218	28 48 26.5	12.276	0.426	76.1	172 348 536	28 548
1754	9.3	29 8.08	3.5608	0.0191	24 47 51.6	12.268	0.415	86.1	1149 1245 1345	*24 514*
1755	9.4	29 10.28	3.6179	0.0207	27 17 24.3	12.266	0.423	76.5	61 727	27 530*
1756	9.1	3 29 18.55	+3.6087	+0.0204	+26 52 46.0	+12.256	−0.422	80.8	346 888 893 960	26 581
1757	9.3	29 23.70	3.5772	0.0195	25 29 51.7	12.250	0.418	80.7	5 obs.[1]	25 579
1758	8.0	29 40.01	3.5796	0.0196	25 35 5.7	12.231	0.419	77.8	424 531 534 540	25 580
1759	9.5	29 45.83	3.6197	0.0207	27 19 3.4	12.225	0.424	80.4	538 726 957	27 533
1760	8.9	29 56.57	3.6367	0.0212	28 1 38.1	12.212	0.426	75.7	59 347 538	27 534
1761	8.9	3 30 56.27	+3.6369	+0.0211	+27 57 18.4	+12.143	−0.428	75.7	59 344 538	27 537
1762	9.4	31 4.83	3.5984	0.0199	26 18 13.1	12.133	0.423	83.1	958	26 586*
1763	9.0	31 12.80	3.5697	0.0191	25 2 23.8	12.124	0.420	85.8	1149 1243 1244	24 524
1764	9.4	31 29.26	3.5846	0.0195	25 40 17.5	12.105	0.422	80.8	534 540 1248	25 582
1765	8.8	31 35.84	3.6284	0.0207	27 32 45.6	12.097	0.427	77.7	6 obs.[2]	27 540
1766	8.7	3 31 40.60	+3.5639	+0.0188	+24 44 48.1	+12.092	−0.419	86.7	5 obs.[3]	*24 526*
1767	9.1	31 40.72	3.6643	0.0217	29 2 3.5	12.092	0.432	78.1	5 obs.[4]	28 555
1768	9.4	31 48.93	3.5732	0.0191	25 8 56.8	12.082	0.421	79.4	540 726 728	25 583
1769	9.0	31 55.84	3.6650	0.0217	29 2 33.0	12.074	0.432	74.4	60 172 348	28 556
1770	9.0	31 56.49	3.6030	0.0200	26 26 14.9	12.073	0.425	78.7	5 obs.[5]	26 589
1771	8.5	3 31 59.37	+3.6119	+0.0202	+26 48 46.6	+12.070	−0.426	81.6	171 346 1435 1436	26 590
1772	8.9	31 59.44	3.5865	0.0195	25 43 4.8	12.070	0.423	76.7	270 424 531	25 584
1773	8.9	32 4.78	3.6246	0.0205	27 21 0.8	12.064	0.427	75.0	59 344 347	27 542
1774	9.0	32 9.67	3.6050	0.0200	26 30 11.1	12.058	0.425	81.1	725 729	26 591
1775	9.3	32 12.55	3.6534	0.0214	28 32 24.2	12.055	0.431	79.7	172 891 954	28 557
1776	9.4	3 32 22.25	+3.6008	+0.0198	+26 18 33.4	+12.043	−0.425	84.1	728 954 958 1545	26 592
1777	8.9	32 23.96	3.5659	0.0189	24 47 15.0	12.041	0.421	87.4	1342 1344 1437	*24 528*
1778	9.5	32 32.99	3.5801	0.0192	25 24 3.0	12.031	0.423	80.1	534 891	25 585
1779	9.2	32 34.46	3.5986	0.0198	26 11 55.0	12.029	0.425	81.6	727 957	26 594
1780	8.9	32 36.76	3.6069	0.0199	26 33 17.2	12.026	0.426	89.4	960 1651 1765	26 595
1781	9.0	3 32 40.55	+3.6689	+0.0217	+29 8 35.9	+12.022	−0.434	77.1	175 535 630	29 589
1782	8.6	32 41.79	3.6053	0.0199	26 28 45.4	12.020	0.426	84.6	1052 1149	26 596
1783	9.0	32 42.57	3.6789	0.0220	29 32 53.6	12.019	0.434	77.8	175 427 427 958	29 590
1784	8.7	32 44.80	3.6045	0.0198	26 26 27.6	12.017	0.426	84.1	957 1148	26 597
1785	8.7	32 51.87	3.6471	0.0210	28 13 47.7	12.009	0.432	81.1	536 1053	28 560
1786	9.0	3 33 0.26	+3.6672	+0.0216	+29 2 51.8	+11.999	−0.434	86.1	348 1611 1612	28 561
1787	7.0	33 0.66	3.6507	0.0212	28 22 3.2	11.998	0.432	84.1	725 1243 1248	28 562
1788	6.7	33 18.48	3.5705	0.0189	24 55 24.4	11.977	0.423	77.5	424 531	24 529
1789	9.0	33 25.35	3.5835	0.0192	25 29 1.8	11.969	0.424	86.6	1244 1345	25 589
1790	8.9	33 29.94	3.5739	0.0189	25 3 32.4	11.964	0.424	80.1	726	24 530
1791	8.6	3 33 37.97	+3.6698	+0.0216	+29 6 7.6	+11.954	−0.435	79.1	175 1052	29 592
1792	9.0	33 40.02	3.6463	0.0209	28 7 53.3	11.952	0.432	87.6	1245 1503	28 563
1793	7.0	33 40.57	3.6502	0.0210	28 17 50.2	11.952	0.433	76.5	60 729	28 564
1794	9.5	33 40.97	3.6106	0.0199	26 37 58.9	11.951	0.428	81.3	171 728 951 1437	26 599
1795	9.3	33 49.66	3.6777	0.0218	29 24 33.0	11.941	0.436	84.7	535 1435 1436	29 593
1796	8.7	3 34 13.57	+3.5730	+0.0189	+24 57 59.1	+11.913	−0.424	77.2	5 obs.[6]	24 534
1797	8.4	34 33.33	3.6424	0.0207	27 54 12.8	11.890	0.433	74.5	59 61 344 347	27 550
1798	8.7	34 33.90	3.6696	0.0214	29 1 17.3	11.889	0.436	86.7	1242 1340 1341	28 567
1799	9.4	34 38.77	3.6426	0.0207	27 54 11.1	11.883	0.433	74.5	61 347	27 551*
1800	9.2	34 46.44	3.6781	0.0217	29 21 42.0	11.874	0.438	76.1	175 535	29 594

[1] Z. 534 540 890 891 951
[2] » 61 344 347 725 729 813
[3] Z. 1242 1245 1340 1341 1345
[4] » 60 172 348 536 1503
[5] Z. 171 346 727 813 893
[6] » 270 424 531 534 540

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1801	7.5	3h 34m 57s.43	+3s.6020	+0s.0195	+26° 10′ 16″.1	+11″.861	−0″.429	81.6	346 729 1053 1248	26° 601
1802	9.3[1]	35 3.60	3.6916	0.0221	29 52 20.6	11.854	0.440	81.6	630 813 954 957	29 595
1803	9.0	35 7.83	3.6517	0.0209	28 14 47.0	11.849	0.435	78.3	60 172 951 957	28 569
1804	9.5	35 13.04	3.5836	0.0190	25 21 26.7	11.843	0.427	85.6	1149 1245	25 592
1805	8.6	35 18.89	3.6902	0.0220	29 47 36.8	11.836	0.439	84.4	957 960 1345	29 597
1806	7.0	3 35 37.69	+3.5825	+0.0189	+25 16 51.9	+11.814	−0.427	90.4	1243 1651 1765	25 593
1807	9.1	35 38.40	3.6363	0.0203	27 25 33.9	11.813	0.433	77.0	59 813	27 553
1808	9.1	35 46.39	3.6762	0.0215	29 11 40.1	11.804	0.438	88.1	1244 1545	29 599*
1809	9.1	35 55.75	3.6789	0.0215	29 17 31.2	11.793	0.439	80.1	425 958	29 600
1810	9.0	36 1.93	3.6034	0.0195	26 9 18.5	11.785	0.430	82.1	346 1437	26 604
1811	8.4	3 36 8.70	+3.5937	+0.0192	+25 43 35.7	+11.777	−0.429	90.7	1342 1650 1766	25 598
1812	8.3	36 9.25	3.5854	0.0190	25 22 16.9	11.777	0.428	88.7	1051 1611 1612	25 597
1813	8.0	36 14.81	3.5998	0.0194	25 58 55.5	11.770	0.430	88.1	960 1344 1613 1614	25 599
1814	9.0	36 15.52	3.6763	0.0213	29 9 49.1	11.769	0.439	90.6	1436 1767	29 602
1815	8.5	36 16.61	3.6793	0.0215	29 17 2.1	11.768	0.439	80.6	535 954	29 603
1816	9.3	3 36 18.18	+3.5774	+0.0187	+25 0 52.7	+11.767	−0.427	93.6	1774 1881	24 538
1817	9.0	36 22.39	3.5743	0.0186	24 52 15.2	11.761	0.428	87.0	1340 1341	*24 539*
1818	7.7	36 23.13	3.5848	0.0189	25 19 46.1	11.760	0.429	84.6	951 1242	25 600
1819	8.3	36 30.66	3.6246	0.0200	27 1 9.5	11.752	0.434	92.7	1649 1769 1772	26 607
1820	8.0	36 32.10	3.5886	0.0190	25 29 4.8	11.750	0.429	88.1	958 1772	25 601
1821	9.0	3 36 46.67	+3.6441	+0.0205	+27 48 37.3	+11.733	−0.436	72.9	59	27 555
1822	8.2	36 58.72	3.6843	0.0216	29 25 32.2	11.718	0.441	82.6	813 1051	29 606
1823	6.7	37 1.47	3.6372	0.0203	27 30 8.8	11.715	0.435	84.8	1052 1148 1149	27 556
1824	7.0	37 7.49	3.6380	0.0203	27 31 43.1	11.708	0.436	85.1	1053 1247	27 558
1825	8.0	37 8.07	3.6924	0.0218	29 44 20.4	11.707	0.442	80.6	535 957	29 607
1826	8.9	3 37 20.61	+3.6293	+0.0200	+27 9 7.6	+11.692	−0.435	86.6	1243 1345	27 559
1827	9.0	37 24.41	3.6801	0.0214	29 13 51.8	11.688	0.441	84.6	954 1245	29 609
1828	8.5	37 41.98	3.6144	0.0195	26 29 47.8	11.667	0.434	93.1	1766 1767 1774	26 608
1829	7.5	37 48.66	3.6601	0.0207	28 16 30.1	11.659	0.439	79.5	60 1244	28 575
1830	8.0	37 54.65	3.6473	0.0204	27 48 29.8	11.652	0.438	83.0	59 1765	27 561
1831	8.5	3 38 3.33	+3.5849	+0.0187	+25 13 2.2	+11.642	−0.431	83.1	957 960	25 607
1832	9.2	38 4.39	3.6056	0.0193	26 6 19.9	11.640	0.433	91.0	1437 1879	26 610
1833	9.4	38 5.81	3.6021	0.0192	25 57 3.0	11.639	0.433	94.1	1885 1886	25 608
1834	9.1	38 10.54	3.5908	0.0189	25 27 38.6	11.633	0.431	88.1	1436	25 609*
1835	8.4	38 17.47	3.6602	0.0207	28 21 34.6	11.625	0.440	90.1	1342 1775	28 579
1836	8.4	3 38 28.26	+3.5964	+0.0191	+25 40 59.5	+11.612	−0.433	91.7	5 obs.[2]	25 611
1837	8.6	38 30.13	3.6633	0.0208	28 27 56.7	11.610	0.440	81.4	60 1053 1344	28 580
1838	8.2	38 30.16	3.5808	0.0186	25 0 22.9	11.610	0.430	90.1	958 1767 1892	24 554
1839	9.1	38 32.09	3.6266	0.0198	26 57 9.9	11.607	0.437	87.0	1340	26 615*
1840	8.3	38 43.86	3.6840	0.0213	29 16 47.9	11.593	0.443	89.1	1051 1893	29 616
1841	9.0	3 38 47.36	+3.6374	+0.0200	+27 22 58.1	+11.589	−0.438	72.9	59	27 562
1842	8.5	39 4.23	3.5940	0.0188	25 27 11.2	11.569	0.433	84.1	1052	25 615
1843	8.5	39 18.77	3.6604	0.0206	28 17 21.2	11.553	0.442	93.1	1769 1772	28 582
1844	8.9	39 27.18	3.5877	0.0186	25 14 42.7	11.542	0.433	88.1	958 1774	25 616
1845	9.0	39 31.72	3.6975	0.0217	29 45 31.4	11.536	0.446	83.1	960	29 618
1846	8.3	3 39 42.78	+3.6910	+0.0213	+29 29 7.4	+11.523	−0.445	90.1	1244 1895	29 620
1847	8.9	39 58.03	3.6793	0.0210	29 0 13.1	11.505	0.445	93.6	1765 1894	28 585
1848	8.4	40 17.42	3.5834	0.0184	24 59 54.9	11.482	0.433	82.1	813 957	24 568
1849	9.0	40 21.42	3.6603	0.0204	28 12 32.3	11.477	.0.443	78.0	60 951	28 586
1850	9.0	40 35.13	3.6945	0.0214	29 33 33.5	11.461	0.447	93.6	1769 1881	29 621

[1] Close double?

[2] Z. 957 1775 1884 1887 1890

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1851	9.0	$3^h\ 40^m\ 37^s.04$	+3ˢ.6380	+0ˢ.0199	+27° 16′ 46″.4	+11″.459	−0″.441	83.5	59 1892	27° 567
1852	9.1	40 39.35	3.6656	0.0205	28 23 52.1	11.455	0.444	88.6	960 1891	28 587
1853	8.0	40 46.13	3.6124	0.0191	26 12 4.1	11.447	0.438	88.6	1052 1767	26 617
1854	8.5	41 5.87	3.6060	0.0189	25 54 22.4	11.424	0.437	85.6	540 1772	25 619
1855	8.5	41 11.30	3.5945	0.0186	25 24 49.3	11.417	0.435	90.1	1344 1766	25 620
1856	9.0	3 41 18.75	+3.6490	+0.0200	+27 40 41.5	+11.408	−0.443	83.0	59 1775	27 569
1857	8.8	41 25.01	3.6589	0.0202	28 4 31.6	11.401	0.444	94.4	1649 1925 1929 1930	28 592
1858	8.7	41 45.50	3.6640	0.0203	28 15 25.9	11.376	0.445	89.6	1244 1765	28 593
1859	8.9	42 3.12	3.6948	0.0211	29 27 45.0	11.355	0.449	80.1	535 630 957	29 629
1860	9.0	42 5.30	3.6443	0.0197	27 25 56.6	11.353	0.443	79.7	59 958 960	27 571
1861	9.2	3 42 9.25	+3.6156	+0.0190	+26 14 33.3	+11.347	−0.440	85.0	346 1879	26 619
1862	9.4	42 12.47	3.7017	0 0213	29 43 23.9	11.344	0.450	94.6	1774 1926 1931 1933	29 630
1863	9.1	42 22.47	3.5929	0.0184	25 15 54.0	11.332	0.437	86.1	1243 1248	25 621
1864	7.8	42 27.21	3.6904	0.0209	29 15 41.1	11.326	0.449	82.6	813 1051	29 632
1865	8.9	42 29.21	3.6023	0.0186	25 39 39.8	11.324	0.438	80.5	531 957	25 623
1866	9.2	3 42 47.91	+3.5873	+0.0182	+24 59 55.7	+11.301	−0.437	81.1	813	24 576*
1867	6.3	42 48.25	3.5920	0.0183	25 12 0.9	11.301	0.438	82.1	725 1052	25 624
1868	8.5	42 49.18	3.6934	0.0209	29 21 43.1	11.300	0.450	88.4	630 1767 1772	29 633
1869	9.0	43 12.46	3 6283	0.0192	26 41 44.3	11.272	0.442	88.1	958 1775	26 624
1870	8.1	43 15.67	3.6923	0.0209	29 16 35.2	11.268	0.450	84.4	960 1148 1149	29 635
1871	9.2	3 43 37.53	+3.5892	+0.0181	+25 1 42.6	+11.241	−0.438	78.0	531 540	24 580
1872	9.3	43 39.57	3.6418	0.0195	27 13 9.8	11.239	0.444	88.6	957 1886	27 575
1873	9.4	43 43.27	3.6387	0.0194	27 5 27.3	11.234	0.444	85.6	951 1437	27 576
1874	8.3	43 46.96	3.6118	0.0187	25 58 26.8	11.230	0.442	78.6	424 725	25 627
1875	9.2	43 51.06	3.5949	0.0182	25 15 20.7	11.225	0.440	92.1	1436 1883 1885	25 628
1876	9.4	3 43 53.17	+3.6389	+0.0194	+27 5 0.8	+11.222	−0.444	88.1	951 1767	27 577*
1877	7.7	43 56.06	3.5839	0.0180	24 47 0.2	11.219	0.438	86.1	1243 1245	*24 583*
1878	8.3	44 14.80	3.6007	0.0184	25 28 34.1	11.196	0.440	81.1	424 958 960	25 630
1879	9.3	44 17.71	3.6071	0.0185	25 44 16.8	11.193	0.441	86.1	1244	25 629*
1880	9.4	44 18.49	3.6396	0.0194	27 5 5.2	11.192	0.445	85.1	347 1881	27 580
1881	8.8	3 44 21.89	+3.6532	+0.0197	+27 38 10.5	+11.188	−0.447	84.4	957 1051 1248	27 582
1882	9.0	44 23.74	3.6524	0 0197	27 35 57.1	11.185	0.447	87.1	344 1651 1765	27 583
1883	8.0	44 25.36	3.6044	0.0184	25 37 17.9	11.184	0.441	82.1	729 1052	25 631
1884	8.3	44 26.04	3.6935	0.0207	29 14 18.8	11.183	0.452	77.1	5 obs.[1]	29 636
1885	8.1	44 30.99	3.5890	0.0180	24 57 45.7	11.177	0.439	89.6	1242 1766	24 586
1886	9.4	3 44 32.75	+3.6349	+0.0192	+26 52 34.7	+11.175	−0.445	93.1	1774	26 630*
1887	8.1	44 37.94	3.6103	0.0186	25 51 13.1	11.168	0.442	86.4	727 1509 1547	25 632
1888	9.1	44 40.12	3.6104	0.0186	25 51 20.6	11.166	0.442	93.6	1769 1890	25 633
1889	9.4	44 43.54	3.6428	0.0194	27 11 20.0	11.162	0.445	91.1	1612 1614	27 584*
1890	8.6	44 48.88	3.6570	0.0198	27 45 21.5	11.155	0.448	80.1	728 729	27 585
1891	8.5	3 45 3.88	+3.6233	+0.0188	+26 21 49.7	+11.137	−0.444	79.1	539 726	26 632
1892	9.2	45 12.34	3.5972	0.0181	25 15 57.4	11.127	0.441	81.6	727 958	25 635
1893	8.6	45 20.50	3.6429	0.0193	27 8 51.6	11.117	0.446	87.1	347 1652 1766	27 586
1894	8.0	45 24.18	3.6225	0.0187	26 18 23.5	11.112	0.444	76.1	171 346 539	26 633
1895	9.4	45 28.39	3.7102	0.0210	29 48 55.3	11.107	0.455	77.1	5 obs.[2]	29 640*
1896	9.0	3 45 31.62	+3.5918	+0.0179	+25 0 54.1	+11.103	−0.441	82.0	531 1247	24 590
1897	9.2	45 36.43	3.6325	0.0190	26 42 29.8	11.097	0.446	74.1	171	26 634*
1898	8.6	45 36.74	3.5953	0.0180	25 9 36.5	11.097	0.441	85.1	1148 1149	25 637
1899	8.5	45 40.98	3.6559	0.0196	27 39 26.3	11.092	0.449	81.1	344 1245	27 587
1900	9.2	45 52.09	3.5982	0.0181	25 16 4.8	11.078	0.443	80.1	726 727	25 638

[1] Z. 175 425 427 535 630 [2] Z. 175 425 427 535 630

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
1901	8.3	3h 45m 57s.97	+3s.6055	+0s.0182	+25° 33′ 42″.1	+11″.071	−0″.443	83.1	957 960	25° 639
1902	7.8	45 58.07	3.6593	0.0197	27 46 25.6	11.071	0.449	86.1	1243 1248	27 589
1903	8.5	46 0.68	3.6005	0.0181	25 21 21.1	11.068	0.443	79.4	531 725 729	25 640
1904	6.9	46 2.95	3.5995	0.0181	25 18 34.4	11.065	0.443	81.3	534 728 954 1052	25 641
1905	9.4	46 6.92	3.5882	0.0178	24 49 34.3	11.060	0.442	88.1	1244 1545	*24 592*
1906	7.4	3 46 15.31	+3.6290	+0.0189	+26 31 19.0	+11.050	−0.446	80.1	346 888 891	26 636
1907	9.5	46 22.29	3.6654	0.0198	27 59 30.5	11.041	0.451	83.6	958 1051	27 592
1908	9.5	46 23.56	3.6886	0.0203	28 54 23.4	11.039	0.454	94.7	1879 1926 1929	28 598
1909	9.5	46 50.90	3.6973	0.0205	29 13 6.1	11.007	0.455	74.1	175	29 642*
1910	8.6	47 9.16	3.6014	0.0181	25 18 51.9	10.985	0.444	79.7	5 obs.[1]	25 642
1911	8.2	3 47 20.48	+3.6628	+0.0196	+27 49 7.8	+10.971	−0.452	78.5	5 obs.[2]	27 597
1912	8.5	47 31.15	3.6353	0.0188	26 41 38.7	10.958	0.449	77.4	171 539 726	26 640
1913	9.2	47 34.21	3.6757	0.0198	28 19 9.6	10.954	0.454	85.6	1149 1245	28 600*
1914	9.5	47 40.00	3.6739	0.0198	28 14 31.7	10.947	0.453	85.1	1148	28 601*
1915	9.5	47 57.89	3.6658	0.0195	27 53 43.1	10.925	0.453	81.3	5 obs.[3]	27 599
1916	8.6	3 48 9.10	+3.6639	+0.0195	+27 48 25.5	+10.911	−0.452	79.9	177 729 956 960	27 600
1917	9.1	48 14.22	3.6254	0.0185	26 14 38.9	10.905	0.448	77.7	171 346 958	26 642
1918	9.5	48 20.36	3.6663	0.0195	27 53 36.4	10.897	0.454	93.6	1767 1886	— —
1919	9.3	48 36.97	3.6855	0.0199	28 37 56.0	10.877	0.456	74.4	60 172 348	28 603
1920	9.4	48 40.84	3.6056	0.0180	25 23 42.0	10.872	0.447	79.3	531 540 727 813	25 644
1921	9.3	3 48 41.50	+3.6557	+0.0192	+27 26 35.0	+10.871	−0.453	91.6	1612 1651	27 602*
1922	9.0	48 43.40	3.6455	0.0189	27 1 46.8	10.869	0.452	83.8	891 960 1248	26 643
1923	8.8	48 55.55	3.6298	0.0185	26 22 39.3	10.854	0.450	78.1	171 725 726	26 645
1924	9.4	49 2.08	3.6672	0.0194	27 52 53.5	10.846	0.455	93.1	1765 1775	27 604
1925	9.1	49 3.78	3.6437	0.0189	26 55 59.6	10.844	0.452	86.1	1243 1244 1245	26 646*
1926	9.1	3 49 8.16	+3.7000	+0.0202	+29 9 58.9	+10.839	−0.459	76.3	175 425 425 427	29 647
1927	9.1	49 14.70	3.6251	0.0184	26 9 59.3	10.831	0.450	83.1	953	— —
1928	9.2	49 21.37	3.6553	0.0191	27 23 9.5	10.823	0.453	79.4	177 888 893	27 605
1929	8.4	49 23.37	3.6247	0.0183	26 8 32.9	10.820	0.450	80.1	346 539 951 958	26 648
1930	8.0	49 41.12	3.5956	0.0176	24 55 2.7	10.799	0.447	77.8	424 531 534 540	24 598
1931	9.0	3 49 42.48	+3.7134	+0.0205	+29 38 33.0	+10.797	−0.461	76.4	175 426 535	29 649
1932	9.0	49 57.01	3.6320	0.0184	26 24 22.2	10.779	0.451	81.4	728 813 957	26 650
1933	9.2	49 59.47	3.6651	0.0192	27 44 4.1	10.776	0.455	79.1	344 538 725 893	27 606
1934	9.2[4]	50 36.27	3.6623	0.0191	27 35 4.0	10.731	0.455	84.1	8 obs.	27 609
1935	9.0	50 44.05	3.6326	0.0184	26 22 43.3	10.721	0.452	75.8	171 273 346 539	26 654
1936	9.5	3 50 48.38	+3.7024	+0.0200	+29 8 33.4	+10.715	−0.461	77.1	175 535 630	29 653
1937	9.2	51 20.27	3.6124	0.0178	25 30 50.8	10.676	0.450	77.7	424 531 534	25 649
1938	9.1	51 21.17	3.6117	0.0178	25 28 59.6	10.675	0.450	77.8	424 531 534 540	25 650
1939	6.9	51 28.49	3.6451	0.0186	26 50 14.3	10.666	0.454	75.8	171 273 346 539	26 655
1940	9.5	51 40.41	3.6218	0.0179	25 52 46.2	10.651	0.452	87.6	891 1767	25 652
1941	8.5	3 51 43.17	+3.5971	+0.0173	+24 51 22.5	+10.648	−0.450	86.1	1242 1243 1244	*24 602*
1942	9.0	52 3.57	3.6866	0.0195	28 26 48.9	10.623	0.460	74.4	60 172 348	28 606
1943	9.0	52 9.72	3.7290	0.0205	30 4 18.8	10.615	0.465	76.1	175 425 426	30 603
1944	7.8	52 23.46	3.7106	0.0200	29 21 11.2	10.598	0.464	78.1	427 535 630	29 659
1945	8.7	52 23.91	3.7072	0.0199	29 13 33.5	10.598	0.463	80.2	7 obs.	29 660
1946	8.2	3 52 26.73	+3.6556	+0.0187	+27 11 50.9	+10.594	−0.457	76.1	177 344 347 538	27 611
1947	9.4	52 52.75	3.6377	0.0182	26 27 1.2	10.561	0.455	87.8	631 1650 1651	26 660*
1948	9.4	53 16.20	3.7252	0.0203	29 51 12.4	10.533	0.467	76.4	175 427 535	29 661
1949	9.5	53 32.02	3.6804	0.0191	28 6 29.6	10.513	0.461	77.3	60 172 348 1245	28 608
1950	9.4	53 37.58	3.6155	0.0176	25 30 13.3	10.506	0.454	77.8	424 531 534 540	25 660

[1] Z. 424 534 725 727 954 [2] Z. 177 344 347 729 1242 [3] Z. 538 728 888 951 957 [4] Double star

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
1951	9.4	$3^h\ 53^m\ 42^s.06$	+3ˢ.6630	+0ˢ.0187	+27° 24′ 37″.8	+10ˢ.501	−0ˢ.460	78.1	539	27° 615*
1952	7.3	53 43.97	3.6818	0.0191	28 8 54.1	10.498	0.462	74.4	60 172 348	28 609
1953	9.4	53 45.02	3.6389	0.0181	26 26 49.4	10.497	0.457	75.1	171 346	26 663
1954	8.5	53 46.32	3.6593	0.0185	27 15 38.2	10.495	0.459	76.1	177 344 347 538	27 616
1955	9.1	53 54.70	3.7276	0.0202	29 54 2.8	10.485	0.468	76.4	175 425 535	29 662
1956	8.9	3 54 18.51	+3.6300	+0.0178	+26 3 21.3	+10.455	−0.456	75.8	171 273 539	26 665
1957	8.7	54 21.89	3.6182	0.0176	25 34 15.9	10.451	0.455	80.5	15 obs.	25 662
1958	7.7[1]	54 34.31	3.6735	0.0188	27 46 27.6	10.436	0.462	76.1	177 344 538	27 618
1959	9.1	54 37.81	3.6496	0.0183	26 49 30.8	10.431	0.459	80.1	346 631 1148	26 666
1960	8.6	54 44.27	3.6186	0.0175	25 34 1.2	10.423	0.456	78.7	424 534 813	25 663
1961	9.4	3 55 5.37	+3.7382	+0.0203	+30 13 23.2	+10.397	−0.471	76.8	175 426 426 630	*30 610**
1962	8.1	55 8.03	3.6194	0.0175	25 34 16.5	10.394	0.456	80.1	7 obs.	25 664
1963	8.4	55 16.97	3.6831	0.0190	28 6 20.1	10.383	0.464	74.4	60 172 348	28 610
1964	9.1	55 20.64	3.6634	0.0185	27 19 49.3	10.378	0.461	84.8	177 1243 1509 1547	27 621
1965	8.4	55 49.35	3.6062	0.0171	24 59 41.9	10.342	0.455	80.6	727 728 732 889	24 613
1966	7.8	3 55 56.36	+3.6896	+0.0190	+28 18 48.2	+10.333	−0.466	74.1	172	28 613
1967	8.1	56 4.20	3.7037	0.0193	28 51 12.6	10.324	0.468	84.6	348 1765	28 614
1968	9.3	56 8.50	3.6833	0.0188	28 3 22.1	10.318	0.465	93.5	1767 1775 1879 1881	27 622
1969	8.3	56 13.30	3.6763	0.0187	27 46 43.4	10.312	0.467	76.1	177 344 538	27 623
1970	9.4	56 15.84	3.6186	0.0173	25 28 23.2	10.309	0.457	79.6	534 540 726 888	25 665
1971	8.3	3 56 18.17	+3.6658	+0.0184	+27 21 41.7	+10.306	−0.462	85.1	1148 1149	27 624
1972	8.8	56 20.97	3.6355	0.0177	26 9 11.9	10.302	0.459	75.1	171 273 346	26 669
1973	9.0	56 34.66	3.7193	0.0196	29 24 47.0	10.285	0.471	77.1	8 obs.[2]	29 665
1974	8.7	56 39.70	3.6088	0.0170	25 3 13.7	10.279	0.456	80.5	10 obs.	25 667
1975	9.5	56 46.17	3.6412	0.0177	26 21 25.3	10.271	0.460	76.1	171 346 539	26 673
1976	9.0	3 57 7.85	+3.6076	+0.0170	+24 58 44.6	+10.244	−0.457	93.1	1766 1772	24 616
1977	8.0	57 11.66	3.6293	0.0174	25 51 17.5	10.239	0.460	82.0	424 531 1614	25 670
1978	8.4	57 22.76	3.6109	0.0170	25 5 39.4	10.226	0.458	93.1	1769 1772	25 671
1979	8.1	57 32.73	3.6653	0.0182	27 15 58.6	10.212	0.464	76.1	177 344 538	27 628
1980	8.3	57 48.38	3.6726	0.0183	27 32 14.2	10.193	0.466	87.9	177 1650 1652 1778	27 629
1981	8.8	3 57 57.12	+3.6860	+0.0186	+28 3 6.9	+10.182	−0.467	93.1	1767 1778	27 630
1982	8.3	58 1.51	3.6278	0.0173	25 44 42.6	10.176	0.460	85.6	534 1765	25 673
1983	9.0	58 2.24	3.6072	0.0169	24 54 35.1	10.175	0.458	85.1	1148 1149	24 617
1984	9.4	58 3.98	3.6755	0.0184	27 38 9.8	10.173	0.466	80.1	728	— —.
1985	9.5	58 22.56	3.6906	0.0187	28 12 17.8	10.150	0.469	74.4	60 172 348	28 616
1986	9.0	3 58 24.70	+3.6210	+0.0171	+25 26 48.2	+10.147	−0.460	86.6	726 1771	25 674
1987	8.6	58 25.81	3.6399	0.0175	26 12 34.1	10.146	0.462	76.5	5 obs.[3]	26 675
1988	7.5	58 29.77	3.6316	0.0173	25 52 14.2	10.141	0.461	86.8	540 1613 1614	25 675
1989	9.0	58 40.95	3.6875	0.0185	28 3 56.1	10.127	0.469	75.1	172 348	28 617
1990	9.0	58 54.12	3.6652	0.0180	27 11 1.3	10.110	0.466	93.1	1767 1769	27 632
1991	5.1	3 58 56.47	+3.6672	+0.0180	+27 15 38.4	+10.107	−0.466	77.1	347 538	27 633
1992	9.0	59 1.05	3.7017	0.0189	28 35 29.2	10.102	0.471	73.5	60 172	28 618
1993	7.5	59 3.51	3.7373	0.0197	29 56 1.5	10.099	0.475	77.2	7 obs.	29 672
1994	8.5	59 4.15	3.6654	0.0180	27 10 53.6	10.098	0.466	93.1	1772 1775	27 634
1995	8.2	59 7.74	3.6204	0.0170	25 22 53.4	10.093	0.460	77.8	424 531 534 540	25 677
1996	8.6	3 59 31.20	+3.6658	+0.0180	+27 10 21.4	+10.063	−0.467	76.1	177 344 538	27 635
1997	8.9	4 0 35.75	3.6547	0.0176	26 40 21.0	9.982	0.467	76.5	5 obs.[4]	26 682
1998	9.5	1 0.26	3.6793	0.0181	27 36 33.7	9.951	0.470	80.4	538 813 889	27 638
1999	7.5	1 4.49	3.6229	0.0169	25 32 33.7	9.946	0.464	77.7	6 obs.[5]	25 678
2000	8.5	1 8.25	3.7120	0.0188	28 51 25.1	9.941	0.474	79.8	11 obs.	28 624

[1] Double Star
[2] Z. 175 425(2) 426 427(2) 535 630
[3] Z. 171 273 346 539 631
[4] » 171 273 346 539 631
[5] Z. 272 424 531 534 540 726

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2001	8.8	4h 1m 24s.74	+3s.6982	+0s.0185	+28° 18′ 39″.8	+9″.920	−0″.473	79.3	8 obs.	28° 627
2002	8.5	1 27.51	3.7516	0.0196	30 18 33.2	9.916	0.479	86.8	1243 1248 1436	*30 624*
2003	8.5	1 29.09	3.6588	0.0175	26 46 47.2	9.914	0.468	76.5	5 obs.[1]	26 684
2004	9.4	2 8.69	3.6672	0.0176	27 4 16.7	9.864	0.469	83.1	177 1651	27 642*
2005	8.6	2 27.70	3.7534	0.0195	30 19 2.2	9.840	0.481	86.8	1244 1247 1437	*30 626*
2006	9.3	4 2 36.07	+3.6124	+0.0164	+24 51 55.8	+9.829	−0.463	86.8	1242 1343 1344 1345	*24 628*
2007	8.8	3 2.63	3.6170	0.0164	25 1 59.8	9.796	0.464	77.5	7 obs.	24 629
2008	6.3	3 13.25	3.6453	0.0171	26 9 9.8	9.782	0.468	75.8	171 273 346 539	26 686
2009	8.7	3 36.13	3.6464	0.0170	26 10 18.6	9.753	0.469	75.1	171 273 346	26 687
2010	8.2	3 48.86	3.7337	0.0188	29 30 22.8	9.737	0.480	76.3	175 349 425 426(2)	29 676
2011	8.6	4 3 58.51	+3.6581	+0.0172	+26 36 42.4	+9.724	−0.471	83.7	631 1242 1243	26 689
2012	8.5	4 13.45	3.6342	0.0167	25 39 23.3	9.705	0.468	76.9	5 obs.[2]	25 681
2013	9.4	4 13.67	3.7523	0.0192	30 10 3.7	9.705	0.483	77.1	175 535 630	30 629*
2014	9.0	4 22.28	3.7505	0.0191	30 5 27.1	9.694	0.482	80.6	8 obs.	30 630
2015	9.0	4 37.58	3.6978	0.0179	28 6 33.6	9.675	0.477	74.4	60 172 348	28 630
2016	8.5	4 4 52.81	+3.6367	+0.0166	+25 43 14.3	+9.655	−0.469	77.3	5 obs.[3]	25 682
2017	9.1	4 58.83	3.6496	0.0169	26 13 27.3	9.647	0.471	76.5	171 273 346 539 631	26 692*
2018	8.8	5 12.21	3.7135	0.0182	28 40 14.5	9.630	0.480	80.6	12 obs.	28 631
2019	8.6	5 38.46	3.7176	0.0182	28 48 1.7	9.597	0.480	74.4	60 172 348	28 632
2020	9.4[4]	6 11.35	3.6746	0.0173	27 8 4.2	9.554	0.475	82.3	177 538 1436 1508	27 648
2021	9.3	4 6 19.59	+3.6453	+0.0167	+25 58 50.7	+9.544	−0.472	84.1	345 1651	25 683*
2022	8.4	6 48.94	3.6887	0.0174	27 38 26.2	9.506	0.477	76.1	177 344 347 538	27 649
2023	7.6	6 56.09	3.6451	0.0166	25 56 23.6	9.497	0.473	76.9	5 obs.[5]	25 685
2024	9.1	7 9.31	3.6507	0.0166	26 9 9.2	9.480	0.473	76.5	5 obs.[6]	26 700*
2025	7.0	7 20.19	3.7415	0.0186	29 35 22.9	9.466	0.485	76.4	175 349 425(2) 426(2)	29 678
2026	9.5	4 7 29.63	+3.7596	+0.0190	+30 14 21.0	+9.454	−0.487	80.1	728	— —
2027	9.5	8 0.25	3.7542	0.0187	30 0 49.6	9.414	0.487	77.1	175 535 630	29 680
2028	9.4	8 4.44	3.6249	0.0159	25 5 1.5	9.409	0.471	78.0	531	25 687*
2029	9.5	8 6.69	3.7541	0.0187	30 0 12.7	9.406	0.487	78.1	535	— —
2030	7.3	8 12.51	3.7465	0.0185	29 43 18.7	9.399	0.486	79.7	7 obs.[7]	29 682
2031	9.0	4 8 26.08	+3.7465	+0.0186	+29 42 36.1	+9.381	−0.487	80.7	7 obs.	29 683
2032	9.5	8 32.18	3.7258	0.0180	28 56 30.4	9.373	0.485	74.1	172	28 635*
2033	9.0	8 35.33	3.6281	0.0160	25 12 12.4	9.369	0.472	77.4	6 obs.[8]	25 688
2034	8.1	9 4.04	3.6506	0.0163	26 2 39.6	9.332	0.475	78.7	534 540 726	25 690
2035	9.4	9 21.88	3.7626	0.0187	30 14 30.8	9.309	0.490	77.1	175 535 630	*30 642**
2036	9.5	4 9 38.67	+3.7623	+0.0186	+30 12 51.8	+9.288	−0.490	79.7	7 obs.	*30 643**
2037	9.2	10 27.56	3.7292	0.0178	28 57 29.5	9.224	0.487	74.4	60 172 348	28 636
2038	8.7	10 43.73	3.6984	0.0171	27 47 40.0	9.203	0.483	76.1	177 344 538	27 651
2039	9.1	11 1.94	3.6598	0.0163	26 18 22.3	9.180	0.478	76.5	5 obs.[9]	26 709*
2040	8.7	11 8.84	3.6481	0.0160	25 50 29.8	9.171	0.476	76.3	272(2) 345 424 540	25 698
2041	9.0	4 11 27.19	+3.6435	+0.0159	+25 38 46.1	+9.147	−0.477	78.0	531 534 540	25 699
2042	8.0	11 46.85	3.6512	0.0160	25 55 57.5	9.122	0.478	81.1	424 726 1244	25 700
2043	9.1	11 54.04	3.7311	0.0176	28 57 7.4	9.112	0.489	74.4	60 172 348	28 638
2044	9.0	12 23.68	3.6416	0.0157	25 31 32.1	9.074	0.478	77.1	5 obs.[10]	25 702
2045	9.1	12 26.99	3.7200	0.0173	28 30 40.1	9.069	0.488	86.8	348 1650 1651	28 640*
2046	9.0	4 12 36.53	+3.6812	+0.0164	+27 2 36.7	+9.057	−0.483	82.1	5 obs.[11]	26 712
2047	5.5	12 40.08	3.6814	0.0164	27 2 58.5	9.052	0.483	75.4	177 344 347	27 655
2048	8.3	12 51.02	3.7227	0.0173	28 35 22.3	9.038	0.489	79.7	6 obs.[12]	28 642
2049	7.7	12 53.94	3.6422	0.0157	25 31 27.8	9.034	0.479	78.7	534 540 726	25 703
2050	9.5	13 30.41	3.6569	0.0159	26 3 57.8	8.987	0.481	76.3	5 obs.[13]	26 713*

[1] Z. 171 273 346 539 631
[2] » 272 345 424 534 540
[3] » 272 424 531 534 540
[4] BD 8.5
[5] Z. 272 345 424 534 540
[6] Z. 171 273 346 539 631
[7] » 175 349 630 727 732(2) 1437
[8] » 272 345 424 534 540 726
[9] » 171 273 346 539 631
[10] Z. 272 345 531 534 540
[11] » 177 538 1242 1243 1248
[12] » 60 727 728(2) 893 956
[13] » 171 173 346 539 631

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2051	7.8	$4^h\ 13^m\ 33^s.85$	+3ˢ.6826	+0ˢ.0163	+27° 2′ 56″.8	+8″.982	−0″.484	76.1	177 344 538	27° 656
2052	9.2	13 51.87	3.7113	0.0168	28 6 56.5	8.959	0.488	76.1	348	28 643*
2053	8.2	13 55.49	3.7600	0.0178	29 53 33.8	8.954	0.495	75.7	174 175 349 426(2)	29 700
2054	7.8	14 6.31	3.7452	0.0176	29 21 4.8	8.940	0.491	75.6	174 175 425 425	29 701
2055	9.4	14 7.85	3.6817	0.0163	26 59 4.9	8.938	0.484	75.6	171 173 346 539	26 714
2056	8.8	4 14 13.99	+3.7088	+0.0168	+28 0 10.4	+8.930	−0.488	79.8	6 obs.[1]	27 657
2057	8.8	14 27.66	3.7673	0.0180	30 7 35.4	8.912	0.496	82.1	349 1436	30 659
2058	9.2	14 30.98	3.7509	0.0176	29 32 16.5	8.908	0.494	85.3	5 obs.[2]	29 702
2059	5.8	14 58.64	3.6399	0.0154	25 19 56.5	8.872	0.480	76.3	5 obs.[3]	
2060	8.8	14 59.36	3.6400	0.0154	25 20 12.0	8.871	0.480	76.6	345 424	25 707
2061	8.3	4 15 9.47	+3.7127	+0.0168	+28 6 5.0	+8.857	−0.489	78.3	60 348 892 893	28 648
2062	8.7	15 20.24	3.7301	0.0171	28 43 55.6	8.843	0.492	90.1	1548 1549	28 649
2063	8.3	15 26.07	3.6820	0.0161	26 56 1.6	8.836	0.486	75.7	5 obs.[4]	26 716
2064	9.2	15 37.41	3.7310	0.0171	28 45 3.8	8.821	0.493	77.4	172 348 894	28 651
2065	8.0	15 58.80	3.7084	0.0165	27 53 44.6	8.793	0.490	76.1	177 344 538	27 658
2066	8.9	4 16 2.85	+3.7232	+0.0168	+28 26 26.1	+8.788	−0.492	82.4	888 891 956	28 652
2067	9.3	16 31.12	3.7524	0.0174	29 29 12.2	8.750	0.497	83.6	175 1771	29 705
2068	8.7	16 35.88	3.7622	0.0175	29 49 55.1	8.744	0.497	74.8	174 175 349	29 706
2069	8.3	16 37.85	3.7318	0.0169	28 43 37.7	8.742	0.493	77.1	60 348 894	28 653
2070	9.0	16 38.93	3.7710	0.0177	30 8 30.8	8.740	0.499	82.2	7 obs.	30 660
2071	9.3	4 17 7.62	+3.6306	+0.0149	+24 52 13.8	+8.703	−0.481	87.8	1242 1437 1509	*24 655*
2072	9.1	17 16.21	3.7718	0.0176	30 8 18.4	8.691	0.500	80.1	728	30 662*
2073	8.6	17 22.13	3.7542	0.0173	29 30 21.0	8.683	0.497	75.8	174 349 426	29 709
2074	7.7	17 33.51	3.6462	0.0152	25 27 34.4	8.669	0.483	75.3	62 272 345 424	25 710
2075	9.5	17 36.10	3.6479	0.0152	25 31 26.7	8.665	0.484	93.6	1778 1881	25 711
2076	8.0	4 17 48.55	+3.7474	+0.0170	+29 14 14.6	+8.649	−0.497	80.5	5 obs.[5]	29 712
2077	8.9	17 51.17	3.7580	0.0172	29 37 5.0	8.645	0.498	80.8	175 535 1547	29 711
2078	9.5	18 35.09	3.7027	0.0161	27 33 30.0	8.588	0.491	74.1	177	27 659*
2079	9.5	19 39.47	3.6694	0.0152	26 14 53.3	8.502	0.488	74.1	173	26 720*
2080	9.0	19 42.19	3.7382	0.0166	28 48 25.4	8.499	0.497	78.3	172 348 348 1345	28 656
2081	8.9	4 19 55.29	+3.7704	+0.0172	+29 57 19.3	+8.482	−0.502	76.1	7 obs.[6]	29 715
2082	8.8	19 59.26	3.6316	0.0146	24 46 41.9	8.476	0.483	86.7	1241 1242 1436	*24 658*
2083	9.4	20 10.78	3.6409	0.0148	25 7 51.8	8.461	0.485	76.1	62 272 345 726	25 714
2084	7.0	20 33.94	3.7037	0.0158	27 29 55.1	8.430	0.494	76.1	177 344 537	27 660
2085	6.0	20 58.65	3.7755	0.0170	30 4 53.9	8.398	0.503	82.2	8 obs.	
2086	8.5	4 20 59.39	+3.7755	+0.0170	+30 5 5.4	+8.397	−0.503	77.1	427	30 665
2087	9.5	21 23.04	3.6711	0.0151	26 14 12.0	8.365	0.490	76.8	173 346 539 631	26 721
2088	6.5	21 36.80	3.6950	0.0155	27 7 33.2	8.347	0.494	81.1	344 537 1508	27 661
2089	9.5	21 40.15	3.6501	0.0147	25 25 20.1	8.343	0.488	74.7	62 272 345	25 717
2090	9.0	21 49.52	3.6758	0.0151	26 23 40.2	8.330	0.492	76.1	173 273 631	26 722
2091	8.7	4 22 0.45	+3.6921	+0.0154	+27 0 1.2	+8.316	−0.494	76.4	273 346 539	26 724
2092	9.0	22 14.09	3.7823	0.0170	30 15 33.7	8.298	0.505	75.3	174 175 349 425	*30 668*
2093	8.5	22 15.19	3.7404	0.0163	28 45 54.6	8.296	0.500	83.4	348 1343 1345	28 658
2094	6.5	22 33.28	3.7158	0.0158	27 51 14.0	8.272	0.497	83.4	177 1243 1547	27 662
2095	9.5	22 33.97	3.7786	0.0169	30 6 39.6	8.271	0.505	77.6	174 175 728 893	30 670
2096	9.2	4 23 10.23	+3.7814	+0.0169	+30 10 45.8	+8.223	−0.506	75.8	175 349 426	30 672*
2097	9.5	23 39.93	3.7824	0.0168	30 11 31.4	8.184	0.507	78.4	174 727 813	30 676
2098	8.2	23 41.60	3.6352	0.0140	24 45 32.4	8.182	0.488	87.1	1241 1437	*24 662*
2099	8.3	23 44.00	3.7673	0.0165	29 39 18.2	8.178	0.505	78.1	425(2) 427(2) 727 729	29 716
2100	9.0	24 11.40	3.6580	0.0145	25 36 52.3	8.142	0.491	74.7	62 272 345	25 719

[1] Z. 177 538 729 888 891 893
[2] » 630 1242 1343 1344 1345
[3] Z. 62 272 345 424 726
[4] » 171 173 273 346 631
[5] Z. 427 727 729 894 956
[6] » 174 175 349 425 426(2) 427

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2101	9.5	4h 24m 17.94	+3.7847	+0.0168	+30° 14′ 36.4	+8.133	−0.508	88.8	1436 1508 1509	*30° 678*
2102	8.9	24 22.01	3.7427	0.0159	28 44 39.7	8.128	0.502	80.5	5 obs.[1]	28 660
2103	9.3	24 33.37	3.7852	0.0167	30 14 40.5	8.112	0.508	87.8	1243 1345 1548	*30 679*
2104	7.2	24 45.77	3.6405	0.0141	24 54 58.0	8.096	0.490	74.7	62 272 345	24 663
2105	9.5	24 47.34	3.7399	0.0158	28 37 33.6	8.094	0.502	74.1	172	— —
2106	9.2	4 24 54.65	+3.7242	+0.0155	+28 3 13.8	+8.084	−0.500	79.3	348 728 729 813	28 662
2107	9.3	25 4.09	3.6391	0.0140	24 51 11.0	8.071	0.490	87.1	1244 1248 1510	*24 664*
2108	9.5	25 15.36	3.7051	0.0152	27 19 52.0	8.056	0.498	74.1	177	27 664*
2109	9.0	25 39.01	3.7421	0.0158	28 39 49.1	8.025	0.504	77.8	172 348 727 813	28 663
2110	9.2	25 49.57	3.7783	0.0164	29 56 47.6	8.011	0.509	75.7	5 obs.[2]	29 720
2111	5.7	4 26 48.82	+3.7444	+0.0156	+28 41 50.3	+7.931	−0.505	78.1	172 348 728(2) 729	28 666
2112	9.0	26 58.19	3.7055	0.0149	27 16 12.0	7.919	0.500	76.1	177 344 537	27 665
2113	9.0	27 7.47	3.7202	0.0152	27 48 10.1	7.906	0.501	79.4	177 538 1243	27 667
2114	9.0	27 20.31	3.7704	0.0160	29 35 47.4	7.889	0.509	75.3	174 175 349 427	29 721
2115	9.5	28 23.97	3.7512	0.0155	28 52 6.3	7.884	0.507	77.6	172 813	28 669
2116	9.1	4 28 25.42	+3.7270	+0.0151	+27 59 43.1	+7.882	−0.504	76.1	177 344 537	27 669
2117	8.9	29 1.47	3.7005	0.0146	26 59 50.6	7.753	0.501	86.1	1241 1250	26 729
2118	8.6	29 2.97	3.6972	0.0145	26 52 43.6	7.751	0.501	76.1	173 273 346 631	26 730
2119	9.5	29 5.52	3.7264	0.0150	27 56 45.3	7.748	0.505	88.8	1244 1548 1549	27 671
2120	9.3	29 16.53	3.7213	0.0149	27 45 12.4	7.733	0.504	81.1	177 1439	27 672
2121	9.0	4 29 17.88	+3.7526	+0.0154	+28 52 48.1	+7.731	−0.508	79.5	5 obs.[3]	28 672
2122	7.7	29 19.49	3.7887	0.0160	30 8 46.6	7.729	0.512	87.6	1243 1509	30 695
2123	7.4	29 23.32	3.7191	0.0148	27 40 7.5	7.724	0.504	79.1	429 728 728	27 673
2124	7.3	29 45.79	3.6604	0.0138	25 28 19.9	7.694	0.496	87.6	1248 1510	25 720
2125	8.4	29 50.58	3.7895	0.0160	30 9 7.9	7.687	0.514	87.1	1343 1344	30 698
2126	8.7	4 29 59.08	+3.7932	+0.0160	+30 16 16.1	+7.676	−0.514	89.1	1508	*30 699*
2127	8.4	30 34.86	3.7614	0.0152	29 8 0.5	7.628	0.510	76.6	8 obs.[4]	29 725
2128	8.4	30 39.98	3.7427	0.0150	28 27 53.0	7.621	0.508	76.7	172 348 727	28 674
2129	7.0[5]	30 46.43	3.6940	0.0142	26 41 19.1	7.612	0.502	76.1	173 273 346 631	26 731
2130	9.1	31 10.68	3.7282	0.0148	27 55 14.8	7.579	0.507	80.8	729 732 893	27 677
2131	9.3	4 31 17.60	+3.7470	+0.0150	+28 35 26.9	+7.570	−0.509	79.1	348 731 813	28 675
2132	8.8	31 45.75	3.7247	0.0145	27 46 16.1	7.532	0.507	79.8	429 731 892	27 679
2133	6.3	31 45.88	3.6492	0.0134	24 58 4.8	7.532	0.497	76.9	62 272 345 728(2)	24 674
2134	8.3	31 49.49	3.7460	0.0149	28 31 58.9	7.527	0.510	77.1	172 172 727 729	28 677
2135	6.5	32 28.58	3.7806	0.0154	29 43 30.7	7.474	0.514	80.1	349 732 813 953	29 728
2136	9.3	4 32 50.23	+3.7205	+0.0143	+27 34 15.8	+7.445	−0.507	88.1	1054 1652	27 682*
2137	7.2	32 51.63	3.7903	0.0154	30 2 44.5	7.443	0.516	83.7	5 obs.[6]	30 704
2138	8.9	33 9.84	3.7745	0.0152	29 28 57.7	7.418	0.514	83.3	727 893 1150 1244	29 729
2139	9.3	33 16.53	3.7217	0.0143	27 35 54.7	7.409	0.508	90.6	1439 1771	27 683
2140	9.0	33 27.40	3.7613	0.0149	29 0 16.8	7.394	0.513	83.3	5 obs.[7]	28 679
2141	9.0	4 33 27.87	+3.7628	+0.0149	+29 3 32.5	+7.393	−0.513	88.6	1436 1511	29 730
2142	8.3	33 28.01	3.6716	0.0135	25 44 51.6	7.393	0.500	82.6	813 1055	25 723
2143	5.0	33 30.50	3.7434	0.0146	28 22 13.2	7.390	0.511	84.6	889 1344	28 680
2144	9.1	33 51.20	3.7606	0.0148	28 57 53.5	7.362	0.514	89.1	1510	28 681*
2145	8.7	33 58.05	3.7453	0.0146	28 24 57.6	7.353	0.512	80.8	731 732 889	28 682
2146	8.9	4 34 11.91	+3.6992	+0.0138	+26 44 14.0	+7.334	−0.505	80.3	631 728 728 894	26 735
2147	8.9	34 24.28	3.7441	0.0144	28 21 26.5	7.317	0.512	79.8	172 729 892 953	28 683
2148	9.4	34 44.24	3.7120	0.0139	27 11 22.8	7.290	0.508	89.1	1437 1549	27 687
2149	8.5	35 24.18	3.6805	0.0134	26 0 11.4	7.236	0.503	81.4	731 893 894	25 725
2150	8.0	35 48.90	3.7206	0.0139	27 27 24.3	7.202	0.510	81.1	5 obs.[8]	27 688

[1] Z. 348 731 891 892 893
[2] » 174 175 349 425 427
[3] » 172 348 727 729 813
[4] Z. 174 349 425(2) 426(2) 427(2)
[5] Close double
[6] Z. 729 893 1148 1149 1243
[7] Z. 732 892 894 1241 1250
[8] » 729 731 732 892 953

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2151	9.2	$4^h\ 36^m\ 17^s.32$	+3.8049	+0.0149	+30° 24′ 2″.5	+7.163	−0.520	87.6	1241 1509	30° 709
2152	9.1	36 23.47	3.8015	0.0149	30 16 47.1	7.155	0.520	88.1	1344 1510	30 710
2153	9.1	36 46.36	3.6628	0.0129	25 17 33.5	7.124	0.503	88.6	1436 1511	25 727*
2154	9.2	36 55.53	3.7563	0.0143	28 41 18.3	7.111	0.516	78.5	5 obs.[1]	28 685
2155	9.5	37 0.31	3.7055	0.0135	26 51 47.0	7.105	0.508	79.9	5 obs.[2]	26 740
2156	8.5	4 37 33.30	+3.7962	+0.0148	+30 2 52.9	+7.060	−0.521	88.4	1248 1437 1612	30 713
2157	7.0	38 0.27	3.7502	0.0141	28 25 43.4	7.023	0.515	79.6	348 729 732 889	28 687
2158	9.0	38 14.78	3.7133	0.0134	27 5 50.9	7.003	0.512	79.4	177 429 1346	27 691
2159	8.5	38 21.73	3.7566	0.0141	28 38 29.2	6.994	0.516	79.1	5 obs.[3]	28 689
2160	7.5	38 31.30	3.6782	0.0129	25 48 19.7	6.980	0.506	74.7	62 272 345	25 731
2161	9.3	4 38 40.88	+3.8011	+0.0147	+30 10 25.5	+6.967	−0.523	76.1	174 426 427	30 718*
2162	9.2	38 42.84	3.7710	0.0141	29 7 55.2	6.965	0.518	74.8	174 175 349	29 733*
2163	9.2	38 45.35	3.7697	0.0142	29 5 14.2	6.960	0.518	87.1	175 1771 1881	29 734*
2164	8.4	38 45.88	3.7297	0.0136	27 40 12.9	6.960	0.514	79.8	177 429 1439	27 694
2165	9.0	38 47.14	3.7583	0.0140	28 41 11.4	6.959	0.517	78.6	172 729 731 732	28 692
2166	9.4	4 38 49.30	+3.7805	+0.0144	+29 27 29.4	+6.956	−0.520	84.8	544 1344 1508	29 735
2167	9.0	39 6.71	3.7392	0.0137	27 59 45.1	6.932	0.515	82.1	177 1244 1246	27 695
2168	9.1	39 25.46	3.6831	0.0129	25 57 2.3	6.906	0.507	78.9	5 obs.[4]	25 732
2169	8.8	39 29.79	3.7711	0.0141	29 6 17.8	6.900	0.519	78.1	6 obs.[5]	29 738
2170	9.2	39 59.76	3.6830	0.0128	25 55 33.5	6.859	0.508	78.1	272 345 731 813	25 733
2171	9.3	4 40 14.17	+3.7618	+0.0139	+28 45 0.4	+6.840	−0.518	78.6	172 348 889 892	28 694
2172	6.4	40 26.67	3.7694	0.0140	29 0 43.3	6.822	0.519	79.4	172 731 1055	28 695
2173	8.6	40 26.82	3.6741	0.0126	25 34 54.0	6.822	0.506	77.6	62 272 732 893	25 734
2174	9.5	40 28.55	3.7075	0.0130	26 48 15.8	6.820	0.511	77.8	346 539 631	26 749
2175	6.7	40 28.58	3.7850	0.0142	29 32 54.7	6.820	0.522	75.4	174 175 544	29 741
2176	7.8	4 40 36.43	+3.7059	+0.0130	+26 44 28.7	+6.809	−0.511	75.1	173 273 346	26 750
2177	9.5	40 44.11	3.7071	0.0130	26 47 6.4	6.798	0.511	81.1	273 631 1510	26 751
2178	8.6	41 5.93	3.7571	0.0137	28 33 22.8	6.769	0.518	86.8	1241 1248 1437	28 696
2179	9.3	41 11.83	3.7552	0.0137	28 29 14.6	6.761	0.518	87.1	1244 1246 1509	28 697
2180	7.6	41 21.30	3.7079	0.0129	26 47 23.5	6.747	0.512	75.8	173 273 539	26 752
2181	7.0	4 41 22.45	+3.7802	+0.0139	+29 20 58.2	+6.746	−0.521	76.3	175 426 426 427	29 742
2182	7.2	41 26.69	3.7454	0.0135	28 7 41.1	6.740	0.517	86.6	6 obs.[6]	28 698
2183	9.0	41 31.61	3.7896	0.0141	29 39 58.8	6.733	0.523	79.1	5 obs.[7]	29 743
2184	9.3	41 53.55	3.7624	0.0137	28 42 37.4	6.703	0.520	88.1	1344 1436 1511	28 699
2185	8.7	42 8.74	3.7630	0.0136	28 43 18.9	6.682	0.520	84.6	172 1349 1351 1547	28 700
2186	8.0	4 42 12.12	+3.7606	+0.0135	+28 38 4.9	+6.677	−0.520	86.1	348 1439 1549	28 701
2187	8.9	42 34.17	3.7396	0.0132	27 53 9.5	6.647	0.517	75.6	177 429	27 700
2188	8.4	42 34.25	3.7434	0.0132	28 1 9.8	6.647	0.518	80.8	177 429 1612	27 699
2189	9.1	42 35.05	3.6638	0.0121	25 7 30.0	6.646	0.507	74.7	62 272 345	25 736
2190	7.6	43 2.78	3.7461	0.0132	28 5 46.6	6.608	0.518	78.1	64 276 1241	28 704
2191	9.3	4 43 33.03	+3.7903	+0.0137	+29 36 55.7	+6.566	−0.525	75.9	5 obs.[8]	29 748
2192	8.1	43 41.28	3.7528	0.0132	28 18 37.9	6.555	0.520	78.4	172 276 1250	28 707
2193	8.9	43 42.22	3.7559	0.0133	28 24 57.7	6.554	0.520	83.6	348 1244 1246 1248	28 706
2194	9.0	43 55.95	3.6824	0.0122	25 45 54.7	6.535	0.510	74.7	62 272 345	25 742
2195	9.0	44 3.09	3.7041	0.0124	26 33 23.7	6.525	0.513	75.1	173 273 346	26 756
2196	8.5	4 44 20.87	+3.7085	+0.0125	+26 42 10.4	+6.500	−0.514	82.6	273 631 1437 1439	26 757
2197	9.4	44 35.77	3.7597	0.0131	28 30 58.3	6.480	0.521	75.1	172 276 348	28 710
2198	9.4	44 40.95	3.8080	0.0138	30 10 30.6	6.473	0.529	80.1	6 obs.[9]	30 733*
2199	9.4	44 47.33	3.6601	0.0118	24 54 50.6	6.464	0.508	74.7	62 272 345	24 699
2200	8.8	44 48.03	3.7120	0.0125	26 48 52.3	6.463	0.515	84.7	5 obs.[10]	26 758

[1] Z. 172 348 727 731 894
[2] » 273 631 732 889 953
[3] » 172 348 813 888 892
[4] » 62 345 729 894 953
[5] Z. 349 425(2) 426 427 1054
[6] » 348 1348 1504 1506 1507 1508
[7] » 174 544 729 731 953
[8] Z. 174 175 349 427 544
[9] » 174 544 731 889 894 1054
[10] » 539 729 1346 1506 1508

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2201	6.0	$4^h\,44^m\,58^s.74$	+3ˢ.7365	+0ˢ.0128	+27° 41′ 9″.1	+6″.448	−0″.519	79.8	177 429 1438	27° 701
2202	8.8	45 7.13	3.7202	0.0125	27 6 9.5	6.436	0.516	79.8	177 731 889 953	27 702
2203	8.2	45 11.77	3.7427	0.0129	27 53 49.3	6.430	0.520	79.8	429 732 892	27 704
2204	7.3	45 14.12	3.7055	0.0123	26 34 1.7	6.427	0.514	75.1	173 273 346	26 759
2205	9.0	45 27.76	3.7849	0.0134	29 21 31.1	6.408	0.525	77.1	426 427	29 750
2206	8.7	4 45 40.85	+3.6549	+0.0116	+24 41 33.7	+6.390	−0.508	86.1	1241 1244 1246	*24 702*
2207	9.5	45 56.77	3.8058	0.0136	30 3 15.3	6.368	0.529	79.4	174 893 894	30 737*
2208	7.5	45 57.07	3.6677	0.0117	25 9 25.1	6.367	0.510	74.7	62 272 345	25 746
2209	8.9	46 3.51	3.7789	0.0133	29 8 8.9	6.359	0.526	81.1	349 544 1509	29 754
2210	9.3	46 23.52	3.7621	0.0130	28 32 17.6	6.331	0.523	84.1	348 1348 1510	28 712
2211	9.3	4 46 33.18	+3.7077	+0.0122	+26 36 3.1	+6.317	−0.516	78.1	539	26 761*
2212	8.7	46 34.74	3.7642	0.0130	28 36 17.4	6.315	0.524	83.4	276 1248 1511	28 713
2213	9.4	46 42.19	3.6658	0.0116	25 3 48.2	6.305	0.510	93.4	1771 1774 1881	25 748
2214	9.1	46 50.18	3.6659	0.0115	25 3 38.6	6.294	0.510	80.1	272 345 1508	25 749
2215	8.9	46 50.76	3.7066	0.0121	26 33 9.7	6.293	0.516	76.5	5 obs.[1]	26 762
2216	9.2	4 47 2.07	+3.6785	+0.0117	+25 31 20.2	+6.277	−0.512	88.8	1437 1439 1547	25 750*
2217	9.4	47 8.48	3.8095	0.0134	30 8 19.5	6.269	0.531	81.1	813	30 738*
2218	9.4	47 19.35	3.8107	0.0134	30 10 15.7	6.254	0.531	82.1	731 1054	— —
2219	8.8	47 26.06	3.7854	0.0131	29 18 17.7	6.244	0.527	80.3	5 obs.[2]	29 755
2220	9.1	47 27.66	3.7868	0.0131	29 21 13.6	6.242	0.527	84.6	426 1652	29 756*
2221	9.0	4 47 33.74	+3.7657	+0.0128	+28 37 27.1	+6.234	−0.525	74.8	64 276 348	28 714
2222	8.2	47 37.27	3.6668	0.0115	25 4 20.7	6.229	0.511	77.6	62 272 345 1244	25 753
2223	7.5	47 49.08	3.7199	0.0121	26 59 55.4	6.212	0.519	76.1	173 273 346 631	26 764
2224	7.0	47 50.97	3.8101	0.0134	30 8 4.9	6.210	0.531	78.4	174 544 731 813	30 742
2225	8.8	48 7.53	3.7381	0.0123	27 38 3.6	6.187	0.521	80.4	177 429 1549	27 708
2226	9.0	4 48 33.04	+3.8008	+0.0131	+29 47 35.1	+6.151	−0.530	86.1	1241 1248 1250	29 760
2227	8.8	48 35.48	3.6700	0.0113	25 8 26.1	6.148	0.512	79.7	5 obs.[3]	25 755
2228	9.0	48 50.81	3.7511	0.0124	28 4 0.9	6.127	0.523	75.6	276 348	28 716
2229	8.9	49 13.61	3.7513	0.0124	28 3 46.3	6.095	0.523	78.1	64 276 348 1437	28 721
2230	9.2	49 30.30	3.8072	0.0130	29 58 31.4	6.072	0.531	76.3	174 349 426 544	29 766
2231	9.5	4 49 40.55	+3.7660	+0.0125	+28 33 38.9	+6.057	−0.526	86.6	1244 1346	28 722
2232	8.6	49 53.07	3.7269	0.0119	27 10 54.3	6.040	0.521	80.1	177 429 1511	27 712
2233	7.7	50 4.52	3.8063	0.0130	29 55 43.3	6.024	0.532	76.8	349 426 428	29 771
2234	8.8	50 7.45	3.7902	0.0128	29 22 40.4	6.020	0.530	77.1	174 427 427 729	29 770
2235	9.5	50 11.06	3.7349	0.0120	27 27 17.8	6.014	0.522	94.4	1778 1926 1932	27 713
2236	9.1	4 50 21.30	+3.8114	+0.0130	+30 5 16.4	+6.001	−0.532	82.1	734 892 1054	30 747
2237	9.0	50 23.40	3.6787	0.0113	25 25 29.5	5.998	0.514	76.7	62 345 813	25 761
2238	8.3	50 24.02	3.7985	0.0128	29 39 2.8	5.997	0.531	80.4	544 732 953	29 773
2239	9.2	50 24.95	3.6973	0.0115	26 6 5.7	5.996	0.517	76.1	173 273 346 631	26 767
2240	9.5	50 27.15	3.8031	0.0128	29 48 20.4	5.993	0.531	81.1	813	— —
2241	6.0	4 50 30.53	+3.6633	+0.0111	+24 51 19.0	+5.988	−0.512	88.1	1241 1504 1508	*24 717*
2242	8.4	50 35.83	3.6917	0.0114	25 53 39.5	5.980	0.516	78.4	272 729 731	25 762
2243	7.0	50 50.53	3.7988	0.0126	29 38 56.7	5.960	0.531	78.6	174 349 889 892	29 774
2244	9.0	50 53.20	3.7683	0.0123	28 36 3.7	5.956	0.527	74.1	64 276	28 724
2245	9.0	51 51.27	3.7925	0.0125	29 23 46.7	5.876	0.532	79.3	5 obs.[4]	29 778
2246	9.5	4 51 53.47	+3.6702	+0.0109	+25 4 0.1	+5.872	−0.514	93.6	1775 1890	25 764
2247	8.7	51 54.32	3.6841	0.0111	25 36 54.1	5.871	0.516	78.8	345 732 734	25 765
2248	8.1	51 55.48	3.6887	0.0112	25 44 45.7	5.870	0.517	82.8	732 1054 1055	25 766
2249	8.5	51 55.61	3.6973	0.0113	26 3 34.8	5.870	0.518	75.1	173 273 346	26 771
2250	9.0	52 6.40	3.7274	0.0116	27 7 44.9	5.854	0.522	77.1	429	27 716

[1] Z. 173 273 346 539 631 [2] Z. 349 729 732 889 953 [3] Z. 62 729 731 889 953 [4] Z. 174 426 729 894 953

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
2251	7.2	$4^h\ 52^m\ 6^s.94$	+3ˢ.7276	+0ˢ.0116	+27° 8′ 4″.2	+5″.854	−0″.522	79.8	429 734 889	27° 716
2252	9.1	52 12.22	3.7901	0.0124	29 18 18.7	5.846	0.531	80.1	731	29 779*
2253	9.4	52 14.87	3.7787	0.0123	28 55 2.5	5.843	0.530	76.1	348	— —
2254	8.8	52 37.73	3.7818	0.0122	29 0 38.6	5.811	0.530	74.1	64 276	28 726
2255	8.4	52 37.94	3.6674	0.0108	24 56 44.8	5.811	0.515	87.4	1241 1346 1509	24 722
2256	9.0	4 52 42.20	+3.7899	+0.0123	+29 17 0.6	+5.805	−0.531	79.2	7 obs.	29 782
2257	9.4	53 7.57	3.6641	0.0107	24 48 20.3	5.769	0.514	85.4	535 1506 1508	*24 724*
2258	8.4	53 15.76	3.7864	0.0122	29 8 48.0	5.758	0.531	76.7	349 427 427	29 784
2259	9.4	53 26.24	3.7549	0.0118	28 3 18.9	5.743	0.527	93.6	1778 1886	28 729
2260	9.0	53 30.81	3.8020	0.0124	29 40 4.1	5.737	0.533	86.1	1246 1248	29 786
2261	7.8	4 53 34.87	+3.7067	+0.0111	+26 20 48.1	+5.731	−0.520	82.1	346 1439	26 774
2262	8.4	53 50.16	3.7964	0.0122	29 27 58.8	5.709	0.533	89.6	1250 1771	29 787
2263	8.8	53 54.69	3.6914	0.0109	25 46 56.4	5.703	0.518	80.7	5 obs.[1]	25 769
2264	7.2	53 59.70	3.7109	0.0111	26 29 1.7	5.696	0.521	82.5	5 obs.[2]	26 775
2265	8.8	54 1.75	3.7104	0.0111	26 27 48.1	5.693	0.521	80.8	539 729 894 955	26 776
2266	8.0	4 54 7.35	+3.7574	+0.0117	+28 6 18.3	+5.686	−0.527	91.4	1510 1654 1774	28 732
2267	8.8	54 20.95	3.8070	0.0123	29 48 36.1	5.666	0.534	86.4	174 1651 1775	29 791
2268	9.0	54 30.56	3.8085	0.0122	29 51 13.2	5.653	0.535	77.1	426 428	29 792
2269	8.7	55 8.46	3.6872	0.0107	25 35 46.2	5.600	0.518	81.3	731 732 889 953	25 770
2270	8.5	55 44.04	3.6874	0.0106	25 35 21.3	5.550	0.519	81.8	729 889 892 953	25 773
2271	8.0	4 56 12.09	+3.6661	+0.0103	+24 47 47.2	+5.511	−0.516	88.1	1439	*24 739*
2272	8.5	56 14.65	3.8062	0.0120	29 43 26.0	5.507	0.536	77.1	426 428	29 798
2273	6.5	56 15.53	3.8240	0.0122	30 18 56.7	5.506	0.538	91.4	1548 1650 1653	*30 772*
2274	9.0	56 30.11	3.7699	0.0114	28 28 52.3	5.486	0.531	94.1	1881 1887 1889	28 738
2275	8.0	56 31.09	3.7984	0.0118	29 27 3.8	5.484	0.535	89.1	1506 1508	29 800
2276	8.8	4 56 34.61	+3.8216	+0.0121	+30 13 32.8	+5.479	−0.538	92.1	1549 1652 1658 1890	*30 774*
2277	9.3	56 34.92	3.7262	0.0109	26 56 59.0	5.479	0.525	80.1	539 731 892	26 778
2278	6.5	56 49.12	3.7424	0.0111	27 31 8.1	5.459	0.527	92.1	1612 1655 1775	27 723
2279	8.9	56 52.15	3.7728	0.0114	28 34 9.4	5.455	0.531	94.1	1891 1892	28 741
2280	9.0	57 0.62	3.7983	0.0117	29 26 3.5	5.443	0.535	94.1	1893 1894	29 801
2281	7.8	4 57 1.42	+3.8091	+0.0118	+29 47 53.0	+5.442	−0.537	93.1	1775 1778	29 802
2282	9.5	57 3.61	3.6900	0.0105	25 38 32.2	5.438	0.520	88.1	894 1896	25 774
2283	8.9	57 4.79	3.7197	0.0108	26 42 19.2	5.437	0.524	79.4	539 729 732	26 781
2284	7.7	57 4.91	3.7150	0.0108	26 32 39.2	5.437	0.524	86.4	173 273 730	26 780
2285	9.2	57 12.05	3.7427	0.0110	27 30 58.5	5.427	0.527	82.7	889 953 955	27 724*
2286	9.0	4 57 27.23	+3.7419	+0.0110	+27 29 1.9	+5.406	−0.527	94.8	1892 1926 1928 1929	27 726
2287	9.0	57 33.39	3.7072	0.0106	26 14 54.6	5.397	0.523	80.1	731 732	26 782
2288	6.5	58 9.23	3.7079	0.0105	26 15 20.7	5.346	0.523	78.8	539 631 633	26 783
2289	9.2	58 9.39	3.8198	0.0118	30 7 14.3	5.346	0.538	90.4	1246 1651 1774	30 781
2290	8.0	58 16.49	3.8041	0.0116	29 35 33.1	5.336	0.537	76.8	349 426 426 428	29 806
2291	9.4	4 58 18.27	+3.7797	+0.0113	+28 45 39.3	+5.334	−0.533	75.6	276 348	28 745
2292	8.4	58 49.24	3.7103	0.0104	26 19 27.4	5.290	0.524	79.8	631 729 730	26 785
2293	9.2	58 52.75	3.7575	0.0109	27 59 3.0	5.285	0.531	75.6	177 429	27 728
2294	8.5	59 2.80	3.8140	0.0116	29 53 50.9	5.271	0.539	76.1	174 349 544	29 809
2295	9.1	59 4.01	3.6994	0.0103	25 55 41.9	5.269	0.523	80.1	272 345 1509	25 779
2296	9.5	4 59 7.27	+3.7578	+0.0109	+27 59 9.7	+5.265	−0.531	74.1	177	27 729*
2297	9.5	59 10.95	3.7160	0.0104	26 30 58.2	5.259	0.525	81.1	813	26 786*
2298	8.3	59 18.87	3.7247	0.0105	26 49 30.6	5.248	0.526	82.9	173 633 1506 1508	26 787
2299	9.2	59 26.28	3.8026	0.0114	29 30 18.5	5.238	0.537	84.1	544 1547	29 811
2300	8.9	59 54.48	3.8180	0.0115	30 0 22.2	5.198	0.540	87.1	349 1652 1771	29 813

[1] Z. 345 731 892 894 953 [2] Z. 539 813 889 955 1437

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2301	9.2	5^h 0^m 0.66	+3.7822	+0.0110	+28° 47′ 52.″9	+5.″190	−0.″535	85.4	276 1249 1548 1549	28° 749
2302	8.0	0 12.42	3.7068	0.0103	26 9 42.6	5.173	0.525	79.9	173 273 633 1618	26 789
2303	8.4	0 17.48	3.7652	0.0108	28 12 33.3	5.166	0.533	80.1	64 731 732 1346	28 750
2304	9.5	0 34.38	3.7132	0.0102	26 16 58.1	5.142	0.525	88.0	889 1881	26 790
2305	7.0	0 44.34	3.7626	0.0107	28 6 24.8	5.128	0.532	79.1	276 353 1250	28 751
2306	9.1	5 0 51.30	+3.6963	+0.0100	+25 46 8.8	+5.118	−0.523	89.1	1348 1619	25 783*
2307	9.3	1 17.86	3.6677	0.0097	24 43 16.1	5.081	0.519	90.1	1438 1653	*24 760*
2308	8.9	1 22.57	3.8021	0.0110	29 26 4.2	5.074	0.538	76.3	174 349 426 544	29 820
2309	8.6	1 29.49	3.8126	0.0111	29 46 56.7	5.064	0.540	79.1	428 731 735	29 821
2310	9.0	1 31.70	3.7352	0.0103	27 8 8.1	5.061	0.529	78.8	177 732 889	27 731
2311	8.7	5 1 33.05	+3.7879	+0.0109	+28 57 10.1	+5.059	−0.536	83.4	6 obs.[1]	28 753
2312	6.5	1 46.38	3.8083	0.0110	29 38 7.0	5.041	0.539	83.8	729 730 1618	29 822
2313	8.6	1 47.91	3.7889	0.0108	28 58 50.1	5.039	0.537	84.5	5 obs.[2]	28 754
2314	9.4	1 53.16	3.8235	0.0111	30 7 52.8	5.031	0.542	82.3	5 obs.[3]	30 801*
2315	5.5	1 54.34	3.7565	0.0105	27 52 9.1	5.029	0.532	79.7	5 obs.[4]	27 732
2316	8.5	5 1 54.76	+3.7565	+0.0105	+27 52 19.2	+5.029	−0.532	77.1	429	
2317	9.0	2 0.52	3.6925	0.0098	25 36 10.3	5.020	0.523	80.1	272 896 955	25 786
2318	9.4	2 3.07	3.8233	0.0111	30 7 30.1	5.017	0.542	84.1	965 1148	30 802*
2319	9.3	2 3.47	3.6938	0.0098	25 39 2.1	5.017	0.524	87.1	896 1652	25 787*
2320	9.1	2 7.59	3.7129	0.0100	26 19 46.6	5.010	0.526	87.6	1250 1510	26 793*
2321	8.9	5 2 10.54	+3.7457	+0.0103	+27 28 59.4	+5.006	−0.531	93.1	1771 1774	27 733
2322	7.3	2 13.62	3.7432	0.0103	27 23 49.7	5.002	0.531	83.9	962 1054 1055 1056	27 734
2323	9.0	2 16.60	3.7198	0.0101	26 34 19.6	4.998	0.528	76.1	173 273 631	26 794
2324	9.0	2 18.55	3.7204	0.0101	26 35 34.4	4.995	0.528	76.1	173 273 631	26 795
2325	9.3	2 27.27	3.6746	0.0096	24 56 41.1	4.983	0.521	80.4	272 959 968	24 769*
2326	9.0	5 2 47.32	+3.6670	+0.0094	+24 39 27.2	+4.954	−0.520	87.1	1343	*24 770*
2327	9.1	2 48.00	3.8098	0.0109	29 39 10.0	4.953	0.541	79.8	174 889 960	29 828
2328	8.3	2 51.78	3.7769	0.0106	28 34 3.6	4.948	0.536	83.0	6 obs.[5]	28 755
2329	9.5	3 3.51	3.8222	0.0110	30 3 36.9	4.932	0.542	82.6	6 obs.[6]	30 807
2330	8.3	3 4.71	3.6762	0.0095	24 59 18.2	4.930	0.522	80.6	272 735 968 1056	24 772
2331	8.6	5 3 6.50	+3.8248	+0.0110	+30 8 32.6	+4.928	−0.542	93.1	1774 1775	30 808
2332	8.3	3 9.60	3.8093	0.0109	29 37 33.8	4.923	0.540	77.1	349 426 542	29 829
2333	8.8	3 10.77	3.6687	0.0094	24 42 40.9	4.921	0.521	87.6	1346 1438	*24 773*
2334	9.1	3 17.41	3.6989	0.0097	25 48 6.4	4.912	0.525	88.1	1353 1509	25 790*
2335	7.0	3 21.46	3.8079	0.0108	29 34 20.1	4.906	0.541	76.1	179 349 544	29 830
2336	9.4	5 3 23.56	+3.8044	+0.0108	+29 27 29.0	+4.903	−0.540	84.3	5 obs.[7]	29 831
2337	8.1	3 26.88	3.7859	0.0106	28 50 1.5	4.898	0.537	83.4	955 960 1055	28 757
2338	6.5	3 40.92	3.8133	0.0107	29 44 48.5	4.879	0.542	80.1	179 428 729 1510	29 833
2339	9.5	3 47.22	3.7455	0.0101	27 26 3.7	4.870	0.532	74.1	177	27 736*
2340	9.1	3 50.77	3.8262	0.0108	30 10 20.4	4.865	0.544	80.1	426 731 959	30 815*
2341	9.0	5 4 3.34	+3.8019	+0.0106	+29 21 20.0	+4.847	−0.540	83.6	542 1508	29 834
2342	8.7	4 27.91	3.8235	0.0108	30 3 47.8	4.812	0.543	93.1	1771 1775	30 818
2343	8.9	4 31.43	3.8252	0.0108	30 7 0.7	4.807	0.543	87.9	1348 1351 1440 1511	30 819
2344	7.0	4 37.28	3.7139	0.0096	26 18 15.5	4.799	0.528	76.1	173 273 631	26 796
2345	8.7	4 41.80	3.7858	0.0104	28 47 38.8	4.792	0.538	77.1	276 353 732	28 759
2346	9.5	5 4 42.16	+3.6821	+0.0093	+25 9 39.6	+4.792	−0.524	78.6	272 894	25 795
2347	8.9	4 45.25	3.7467	0.0099	27 26 57.9	4.788	0.533	78.8	177 429 889 896	27 737
2348	8.4	4 53.66	3.7085	0.0095	26 6 18.7	4.776	0.527	77.4	173 539 730	26 797
2349	9.0	4 55.45	3.7974	0.0105	29 10 52.9	4.773	0.541	78.1	174 544 729 732	29 835
2350	9.1	5 6.45	3.7519	0.0100	27 37 13.8	4.757	0.533	82.1	735 953 955	27 738

[1] Z. 276 729 735 1351 1506 1509
[2] » 731 892 953 1440 1508
[3] » 544 894 965 966 1149
[4] Z. 177 429 732 962 1054
[5] » 276 730 964 966 1249 1547
[6] Z. 174 892 894 1150 1241 1248
[7] » 953 964 1148 1149 1151

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2351	9.3	$5^h\ 5^m\ 9^s.92$	+3ˢ.6773	+0ˢ.0092	+24° 58′ 41″.1	+4″.752	−0″.523	81.6	731 959	24° 784*
2352	8.9	5 19.55	3.8171	0.0106	29 49 45.5	4.739	0.542	79.1	349 426 428 1246	29 837
2353	8.9	5 48.14	3.8017	0.0103	29 18 7.5	4.698	0.541	78.1	179 729 731	29 838
2354	9.2	5 57.50	3.7372	0.0096	27 5 25.6	4.685	0.532	78.1	177(2) 429 894 960	27 739
2355	8.7	5 59.16	3.6817	0.0091	25 7 8.2	4.683	0.524	82.4	730 955 966 967	25 800
2356	9.0	5 5 59.56	+3.6828	+0.0091	+24 59 16.6	+4.682	−0.524	82.3	6 obs.[1]	24 788
2357	9.0	6 4.42	3.8204	0.0105	29 55 5.8	4.675	0.544	88.1	349 1652 1653 1658	29 840*
2358	8.9	6 5.25	3.7657	0.0099	28 4 21.9	4.674	0.536	79.9	5 obs.[2]	28 761
2359	8.5	6 14.05	3.6715	0.0090	24 44 28.3	4.662	0.523	86.4	1248 1249 1346	*24 791*
2360	9.4	6 29.99	3.7844	0.0102	28 42 6.1	4.639	0.539	80.5	276 965 968	28 763
2361	8.5	5 6 34.70	+3.8223	+0.0104	+29 57 57.8	+4.632	−0.545	81.5	5 obs.[3]	29 842
2362	9.0	6 47.43	3.7983	0.0102	29 9 40.8	4.614	0.541	78.1	174 889	29 843
2363	7.5	6 47.98	3.7004	0.0092	25 46 9.6	4.613	0.527	79.7	5 obs.[4]	25 804
2364	9.0	7 12.11	3.7962	0.0101	29 4 58.2	4.579	0.541	77.6	426 428 542 544	29 845
2365	9.1	7 20.90	3.7979	0.0101	29 8 14.0	4.567	0.542	81.5	5 obs.[5]	29 846*
2366	8.9	5 7 22.58	+3.8297	+0.0104	+30 11 40.0	+4.564	−0.546	81.4	732 889 894	*30 836*
2367	9.0	7 36.06	3.6744	0.0089	24 49 3.1	4.545	0.524	90.1	1353 1508 1654 1656	*24 797*
2368	9.0	7 42.77	3.6907	0.0090	25 24 13.6	4.536	0.526	75.6	272 345	25 806
2369	8.9	7 50.72	3.8039	0.0100	29 19 23.8	4.524	0.542	81.4	731 737 892 955	29 847
2370	9.0	7 51.31	3.6712	0.0089	24 51 47.8	4.524	0.524	87.1	1348	— —
2371	9.1	5 8 8.88	+3.8259	+0.0102	+30 2 50.9	+4.499	−0.545	88.5	1351 1509 1511	30 840
2372	9.0	8 9.83	3.7357	0.0094	26 59 11.6	4.497	0.533	76.4	173 273 431 631	26 799
2373	8.8	8 12.57	3.6714	0.0088	24 41 42.6	4.493	0.524	87.8	1248 1249 1617	*24 803*
2374	7.3	8 17.14	3.7026	0.0090	25 48 48.1	4.487	0.528	78.8	350 730 732	25 807
2375	8.4	8 17.67	3.6858	0.0089	25 12 51.8	4.486	0.526	83.1	5 obs.[6]	25 808
2376	8.8	5 8 19.50	+3.8009	+0.0100	+29 12 48.5	+4.483	−0.542	76.4	174 426 542	29 849
2377	8.8	8 21.73	3.7699	0.0097	28 9 36.4	4.480	0.538	80.5	276 959 967	28 766
2378	9.0	8 22.16	3.7940	0.0098	28 58 49.7	4.480	0.541	82.8	896 960 968	28 767
2379	9.1	8 33.71	3.7448	0.0093	27 17 48.9	4.463	0.534	89.4	1346 1547 1619	27 742*
2380	9.0	8 34.22	3.7568	0.0096	27 42 31.0	4.463	0.536	76.8	177 429 632	27 743
2381	9.1	5 8 34.53	+3.8017	+0.0098	+29 14 2.6	+4.462	−0.542	88.8	1343 1440 1616	29 850*
2382	8.6	8 37.69	3.7355	0.0093	26 57 56.7	4.458	0.533	76.4	173 273 431 631	26 800
2383	9.2	8 38.76	3.6872	0.0088	25 15 32.4	4.456	0.526	89.4	1438 1548 1549	25 809*
2384	8.3	8 41.16	3.7668	0.0095	28 2 49.9	4.453	0.538	78.8	353 729 730	28 769
2385	9.0	8 47.21	3.7824	0.0096	28 34 30.3	4.444	0.540	84.1	731 737 1652	28 770
2386	9.5	5 9 0.06	+3.7136	+0.0090	+26 11 26.5	+4.426	−0.530	81.1	539 894 965	26 801
2387	9.5	9 2.19	3.7830	0.0096	28 35 35.6	4.423	0.540	83.2	967	— —
2388	8.8	9 2.55	3.7533	0.0094	27 34 32.1	4.422	0.536	81.4	429 892 962 964	27 744
2389	8.9	9 18.37	3.6799	0.0087	24 58 40.4	4.400	0.525	87.1	1246 1250 1508	24 807
2390	6.5	9 21.26	3.7883	0.0096	28 45 51.4	4.396	0.541	81.4	276 815 955 1247	28 772
2391	9.0	5 9 23.34	+3.7439	+0.0092	+27 14 34.1	+4.393	−0.534	81.6	177 632 896 1618	27 745
2392	8.7	9 30.71	3.7550	0.0093	27 37 27.0	4.382	0.537	79.7	177 889 953	27 746
2393	8.9	9 40.89	3.7071	0.0089	25 56 33.7	4.368	0.530	79.1	272 345 350 1510	25 812
2394	9.5	10 11.68	3.7533	0.0092	27 33 7.6	4.324	0.536	83.6	965 1055	27 748
2395	9.1	10 17.61	3.6791	0.0086	24 55 39.4	4.315	0.526	77.1	272 350 729	24 810
2396	7.3	5 10 22.08	+3.7855	+0.0094	+28 38 35.4	+4.309	−0.541	78.8	353 730 731	28 773
2397	9.2	10 24.99	3.7899	0.0093	28 47 39.4	4.305	0.542	75.1	276	— —
2398	9.2	10 31.10	3.8299	0.0098	30 7 15.1	4.296	0.547	74.8	174 179 349	30 850*
2399	8.9	10 36.07	3.8185	0.0098	29 44 27.6	4.289	0.546	77.1	349 426 542	29 858
2400	8.8	10 46.87	3.7893	0.0094	28 45 44.3	4.274	0.542	78.4	276 729 737	28 774

[1] Z. 272 896 962 964 965 1343
[2] » 276 353 892 962 964
[3] Z. 174 542 544 1440 1510
[4] » 345 350 729 730 1247
[5] Z. 349 737 896 959 1246
[6] » 953 962 964 965 966

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2401	8.4	5h 10m 51.20	+3.7654	+0.0092	+27° 57′ 15.6	+4.267	−0.539	76.8	177 429 632	27° 750
2402	8.7	10 51.74	3.8139	0.0096	29 35 8.4	4.267	0.545	78.6	174 179 544 1438	29 860
2403	9.5	10 52.49	3.7978	0.0094	29 2 51.1	4.266	0.543	84.2	1056	29 861
2404	9.5	10 53.90	3.7980	0.0094	29 3 6.8	4.264	0.543	82.9	892 894 966 1054	29 862
2405	9.2	11 25.76	3.8327	0.0097	30 11 38.9	4.218	0.548	76.1	179 426 428	*30 857*
2406	8.7	5 11 39.66	+3.7862	+0.0092	+28 38 23.7	+4.198	−0.542	80.6	353 730 731 1246	28 776
2407	9.4	11 43.50	3.8079	0.0095	29 22 3.3	4.193	0.545	76.8	174 542 544	29 864
2408	9.0	12 2.08	3.7693	0.0090	28 3 22.6	4.167	0.539	82.1	5 obs.[1]	28 777
2409	8.6	12 2.11	3.7137	0.0085	26 7 33.4	4.167	0.532	75.4	173 273 431	26 805
2410[2]	9.0	12 2.74	3.6835	0.0083	25 3 5.4	4.166	0.527	86.4	1248 1249 1346	25 816
2411	9.0	5 12 5.36	+3.7372	+0.0088	+26 57 6.1	+4.162	−0.535	77.4	273 539 631	26 806
2412	8.4	12 30.52	3.6791	0.0082	24 53 3.8	4.126	0.527	78.9	272 350 815 962	24 818
2413	7.9	12 37.14	3.6835	0.0082	25 2 24.6	4.117	0.527	82.1	815 894 955	25 818
2414	9.0	12 43.51	3.7661	0.0089	27 56 18.9	4.108	0.540	79.9	177 429 632 1510	27 755
2415	8.4	12 50.51	3.7906	0.0091	28 45 44.3	4.097	0.543	77.1	276 353 737	28 779
2416	9.2	5 12 59.80	+3.7360	+0.0087	+26 53 22.6	+4.084	−0.535	77.1	173 431 539 631	26 807
2417	6.5	13 8.51	3.7632	0.0089	27 49 40.1	4.072	0.539	82.1	632 729 730 1508	27 758
2418	8.5	13 9.86	3.6996	0.0083	25 36 16.4	4.070	0.530	78.8	272 350 892 896	25 820
2419	9.0	13 10.47	3.7684	0.0089	28 0 10.7	4.069	0.540	81.9	5 obs.[3]	27 759
2420	6.0	13 15.69	3.8112	0.0092	29 26 26.6	4.062	0.546	76.8	349 426 426 428	29 869
2421	9.0	5 13 49.49	+3.7485	+0.0086	+27 18 14.9	+4.013	−0.537	79.9	5 obs.[4]	27 762
2422	9.1	14 0.44	3.8189	0.0091	29 40 46.0	3.997	0.547	76.1	174 179 542 544	29 871
2423	8.8	14 16.54	3.7380	0.0085	26 55 47.9	3.975	0.536	79.1	7 obs.	26 809
2424	8.9	14 34.27	3.8030	0.0089	29 8 19.7	3.949	0.545	76.8	174 542 544	29 874
2425	8.8	14 43.08	3.7686	0.0086	27 58 38.5	3.937	0.541	77.1	274 429 632	27 765
2426	8.8	5 14 48.05	+3.7793	+0.0087	+28 20 12.2	+3.929	−0.542	77.6	276 730	28 782
2427	8.6	14 55.00	3.7878	0.0087	28 37 29.4	3.919	0.543	79.6	276 737 815 896	28 783
2428	7.5	15 2.41	3.8210	0.0090	29 36 22.0	3.909	0.547	79.1	428 635 729 730	29 876
2429	8.1	15 4.99	3.7982	0.0088	28 58 2.2	3.905	0.545	82.1	732 955 964	28 785
2430	9.4	15 7.20	3.7992	0.0088	29 0 7.3	3.902	0.545	85.1	965 1346	28 786
2431	9.1	5 15 7.52	+3.6832	+0.0079	+24 58 45.6	+3.902	−0.528	78.6	272 345 737 962	24 824
2432	7.3	15 8.53	3.7798	0.0087	28 20 46.9	3.900	0.542	80.7	5 obs.[5]	28 787
2433	9.4	15 9.10	3.8325	0.0091	30 6 3.4	3.899	0.549	82.8	892 959 960	30 867*
2434	9.5	15 13.48	3.7383	0.0084	26 55 31.3	3.895	0.536	93.1	1774 1775	26 811
2435	7.0	15 27.89	3.7938	0.0087	28 48 54.1	3.872	0.544	89.4	7 obs.	28 788
2436	8.4	5 15 36.52	+3.8159	+0.0089	+29 32 49.2	+3.860	−0.547	88.5	1343 1353 1618	29 878
2437	9.0	15 51.48	3.8334	0.0089	30 6 56.7	3.839	0.550	83.4	8 obs.	30 871
2438	9.0	16 3.14	3.8179	0.0088	29 36 13.0	3.822	0.548	78.1	426 426 542 729	29 880
2439	8.2	16 20.71	3.6799	0.0078	24 50 26.4	3.797	0.528	87.6	1247 1509	*24 826*
2440	9.0	16 28.85	3.8325	0.0089	30 4 19.6	3.785	0.550	82.6	896 955	30 873
2441	9.3	5 16 42.97	+3.8031	+0.0086	+29 5 56.9	+3.765	−0.546	91.1	1511 1651 1656	29 881*
2442	9.1	17 1.97	3.8257	0.0088	29 50 20.7	3.738	0.549	89.1	1351 1619	29 883*
2443	9.0	17 3.92	3.7965	0.0085	28 52 21.6	3.735	0.545	81.1	731 732 966	28 792
2444	9.3	17 6.22	3.8050	0.0085	29 9 14.9	3.732	0.547	84.1	1054	29 884*
2445	8.5	17 19.16	3.8323	0.0087	30 2 59.1	3.713	0.550	83.0	6 obs.[6]	30 882
2446	8.4	5 17 20.34	+3.8156	+0.0086	+29 29 53.7	+3.711	−0.548	80.1	428 965	29 886
2447	8.4	17 28.77	3.8034	0.0085	29 5 33.2	3.698	0.546	93.1	1771 1773	29 888
2448	8.9	17 45.35	3.7666	0.0081	27 50 53.4	3.676	0.542	82.1	632 729 966 1246	27 769
2449	9.5	17 50.27	3.8368	0.0086	30 11 14.0	3.669	0.552	84.1	892 1148 1151	*30 889**
2450	9.0	18 12.04	3.8353	0.0086	30 7 49.4	3.637	0.552	88.1	955 1774	30 891

[1] Z. 729 737 889 896 1247
[2] South following
[3] Z. 731 889 896 898 955
[4] » 177 429 731 894 1246
[5] Z. 353 731 815 966 967
[6] » 894 962 964 965 967 968

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2451	8.0	$5^h\ 18^m\ 15^s.62$	+3ˢ.8274	+0ˢ.0085	+29° 52′ 21″.4	+3″.632	−0″.550	83.6	964 1055	29° 893
2452	8.0	18 18.57	3.7036	0.0076	25 38 43.0	3.628	0.533	83.1	896 1056	25 828
2453	**2.0**	**18 23.46**	**3.7862**	**0.0082**	**28 29 58.5**	**3.621**	**0.545**		**Fund. Cat.**	**28 795**
2454	9.0	18 31.31	3.7781	0.0081	28 13 27.2	3.610	0.543	84.1	967 1150	28 796
2455	7.0	18 46.72	3.8424	0.0085	30 21 8.2	3.586	0.552	92.2	1658	*30 894*
2456	9.0	5 18 49.89	+3.7392	+0.0078	+26 53 11.0	+3.583	−0.538	82.1	894 1775	26 817
2457	9.0	18 55.12	3.8372	0.0084	30 10 42.9	3.576	0.552	82.1	729 962 966	30 897
2458	8.9	18 58.66	3.7855	0.0081	28 27 47.6	3.571	0.545	83.6	965 1055	28 798
2459	8.5	19 0.97	3.6905	0.0074	25 10 17.9	3.567	0.531	82.6	892 964	25 830
2460	8.2	19 3.02	3.6829	0.0074	24 53 58.2	3.564	0.530	90.1	1351 1774	24 831
2461	8.7	5 19 5.66	+3.7038	+0.0075	+25 38 22.2	+3.561	−0.532	91.1	1509 1775	25 831
2462	6.2	19 8.32	3.8350	0.0084	30 5 50.6	3.556	0.551	80.6	428 1054	30 898
2463	9.1	19 10.16	3.8357	0.0084	30 7 20.7	3.554	0.551	83.1	955 960	30 899
2464	7.9	19 11.10	3.7572	0.0079	27 29 57.0	3.553	0.541	81.8	632 967 968	27 771
2465	9.5	19 11.41	3.7388	0.0078	26 51 56.3	3.552	0.538	84.2	1056	26 818*
2466	8.0	5 19 11.42	+3.8261	+0.0084	+29 48 35.7	+3.552	−0.550	91.1	1511 1773	29 897
2467	8.9	19 21.15	3.7276	0.0077	26 28 22.3	3.538	0.536	82.4	633 896 962 1149	26 819
2468	8.9	20 0.93	3.7152	0.0074	26 1 45.1	3.481	0.535	78.1	173 273 431 1246	26 821
2469	9.2	20 36.06	3.7968	0.0079	28 48 52.3	3.430	0.547	75.1	276	28 804*
2470	9.1	21 28.56	3.7779	0.0076	28 9 44.9	3.355	0.544	87.8	1254 1440 1509	28 807*
2471	9.0	5 21 34.54	+3.7971	+0.0078	+28 48 43.3	+3.347	−0.547	79.6	276 729 730 961	28 808
2472	5.5[1]	21 34.94	3.6882	0.0070	25 2 47.8	3.346	0.532	78.1	186 272 345 1351	25 839
2473	8.7	21 40.03	3.7656	0.0074	27 44 22.7	3.339	0.543	76.1	177 274 632	27 778
2474	7.0	21 44.19	3.8055	0.0077	29 5 3.7	3.333	0.548	75.6	174 179 349 542	29 909
2475	9.5	21 47.91	3.7863	0.0076	28 26 27.6	3.328	0.546	81.6	737 889 894 899	28 810
2476	8.3	5 21 56.01	+3.7393	+0.0073	+26 50 1.9	+3.316	−0.540	75.9	5 obs.[2]	26 826
2477	9.0	21 57.07	3.7442	0.0073	27 0 15.7	3.314	0.540	80.8	176 633 1511	26 827
2478	8.7	22 4.25	3.8252	0.0078	29 43 31.9	3.304	0.552	82.1	6 obs.[3]	29 910
2479	7.3[4]	22 8.46	3.8167	0.0078	29 26 49.3	3.298	0.550	77.1	174 544 635	29 911
2480	9.5	22 25.26	3.8356	0.0079	30 3 31.4	3.274	0.555	78.1	179 896	30 916*
2481	9.1	5 22 28.69	+3.7623	+0.0074	+27 36 59.7	+3.269	−0.542	76.1	177 274 632	27 780
2482	8.8	22 42.55	3.7138	0.0070	25 55 52.9	3.249	0.536	75.1	186 272 345	25 842
2483	8.1	22 45.40	3.6940	0.0068	25 13 56.6	3.245	0.533	79.0	6 obs.[5]	25 843
2484	9.3	23 13.58	3.8366	0.0078	30 4 42.3	3.204	0.553	79.6	428 542 730 959	30 918*
2485	8.5	23 16.33	3.7299	0.0071	26 29 6.1	3.200	0.538	75.1	173 176 273 431	26 829
2486	9.1	5 23 22.22	+3.8240	+0.0077	+29 39 53.8	+3.192	−0.552	77.8	349 544 635	29 918
2487	7.4	23 31.54	3.7644	0.0072	27 40 18.1	3.178	0.543	76.1	177 274 632	27 783
2488	9.2	23 40.73	3.7219	0.0069	26 12 1.1	3.165	0.538	77.4	173 631 633	26 831
2489	8.5	23 51.20	3.8144	0.0075	29 20 26.8	3.150	0.551	74.1	174 179	29 921
2490	8.6	23 59.37	3.8017	0.0074	28 55 0.9	3.138	0.549	79.6	276 731 732 961	28 813
2491	9.5	5 24 0.84	+3.7563	+0.0071	+27 23 5.4	+3.136	−0.543	81.5	737 894 896	27 785
2492	7.7	24 9.38	3.7332	0.0070	26 35 18.7	3.124	0.539	80.7	5 obs.[6]	26 834
2493	9.5	24 14.31	3.7583	0.0071	27 27 8.0	3.117	0.543	75.1	274	27 786*
2494	7.9	24 18.04	3.8074	0.0074	29 6 1.8	3.111	0.550	77.1	179 544 635	29 923
2495	8.9	24 19.12	3.6852	0.0067	24 53 48.9	3.110	0.533	88.1	1249 1438 1509 1510	24 846
2496	8.8	5 24 29.78	+3.6852	+0.0067	+24 53 38.0	+3.094	−0.533	86.2	1250 1254	24 847
2497	8.6	24 36.65	3.8139	0.0074	29 18 38.9	3.084	0.551	87.6	1346 1347 1348 1511	29 924
2498	7.2	24 39.49	3.7421	0.0069	26 53 13.1	3.080	0.541	75.1	173 176 431	26 835
2499	8.7	24 50.57	3.7225	0.0067	26 12 17.8	3.064	0.538	79.8	633 730 731	26 838
2500	9.0	24 54.54	3.7365	0.0068	26 41 39.1	3.059	0.540	85.1	273 1546 1550	26 839

[1] A close double star
[2] Z. 173 176 273 431 633
[3] Z. 349 426 542 1246 1247 1508
[4] Southern of double
[5] Z. 186 350 730 731 737 962
[6] Z. 273 631 736 962 1247

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2501	8.2	5h 24m 59s.29	+3s.7355	+0s.0068	+26° 39′ 11″.2	+3″.052	−0″.540	79.5	431 737 815	26° 841
2502	8.5	25 2.76	3.7821	0.0071	28 14 37.7	3.047	0.546	80.1	276 732 896 962	28 818
2503	8.0	25 13.37	3.7111	0.0067	25 48 2.8	3.031	0.536	77.1	186 272 345 967	25 852
2504	9.0	25 30.04	3.7692	0.0070	27 48 48.5	3.008	0.545	88.5	1351 1352 1618	27 789
2505	9.3	25 37.08	3.8074	0.0072	29 4 49.2	2.997	0.550	76.3	5 obs.[1]	29 929*
2506	9.0	5 25 48.28	+3.6994	+0.0065	+25 22 51.7	+2.981	−0.535	89.1	1353 1508 1619	25 857
2507	9.5	25 50.39	3.7309	0.0066	26 28 50.9	2.978	0.539	86.1	631 1773	26 845
2508	9.0	25 52.53	3.7302	0.0066	26 26 36.6	2.975	0.539	75.1	173 176 273 431	26 846
2509	9.0	26 2.03	3.7287	0.0066	26 24 11.0	2.961	0.539	83.5	736 814 1510	26 847
2510	9.2	26 3.90	3.7257	0.0066	26 17 59.6	2.959	0.539	82.1	894 896	26 848*
2511	8.0	5 26 5.50	+3.7481	+0.0067	+27 4 23.3	+2.956	−0.542	75.4	177 274 429	27 791
2512	8.9	26 7.50	3.7962	0.0070	28 41 59.7	2.954	0.549	82.6	276 1551	28 821
2513	9.2	26 14.27	3.8297	0.0073	29 48 14.9	2.944	0.554	89.5	1249 1615 1617	29 930
2514	9.4	26 23.26	3.7887	0.0070	28 26 42.0	2.931	0.548	83.1	959 961 964	28 822
2515	7.7	26 24.79	3.7401	0.0067	26 47 31.4	2.929	0.541	79.4	351 730 731 815	26 850
2516	9.3	5 26 26.36	+3.7603	+0.0068	+27 29 8.7	+2.926	−0.544	80.8	632 732 955	27 793
2517	7.9	26 32.37	3.7532	0.0067	27 14 28.6	2.918	0.543	78.5	429 632 634	27 794
2518	9.2	26 33.17	3.8109	0.0070	29 10 51.1	2.916	0.551	77.1	428	29 932*
2519	9.3	26 41.35	3.7888	0.0068	28 26 40.7	2.904	−0.548	83.1	959 961 964	28 823
2520	9.1	26 44.96	3.6825	0.0063	24 45 51.9	2.899	0.533	87.1	1254 1438	*24 862**
2521	8.1	5 26 46.72	+3.7699	+0.0068	+27 48 27.8	+2.897	−0.545	81.1	5 obs.[2]	27 799
2522	8.1	26 46.85	3.7746	0.0068	27 57 44.0	2.897	0.546	82.1	736 899 955 962	27 798
2523	9.0	26 58.74	3.8123	0.0069	29 13 13.4	2.880	0.551	77.1	5 obs.[3]	29 935
2524	8.5	27 6.78	3.7117	0.0064	25 47 47.0	2.868	0.537	77.1	186 272 345 962	25 863
2525	9.5	27 8.38	3.8411	0.0071	30 8 34.4	2.866	0.555	83.1	547 894 1509	30 943*
2526	8.0	5 27 10.04	+3.7432	+0.0066	+26 53 15.8	+2.863	−0.542	78.8	173 731 896	26 856
2527	8.8	27 17.18	3.7312	0.0065	26 28 14.3	2.853	0.540	81.5	633 898 965	26 858
2528	9.5	27 20.70	3.8115	0.0069	29 11 11.3	2.848	0.551	76.1	174 542	29 936*
2529	9.5	27 21.97	3.8413	0.0071	30 9 36.3	2.846	0.556	80.2	737	— —
2530	8.9	27 25.42	3.7590	0.0066	27 25 39.9	2.841	0.544	79.2	632 633	27 802
2531	9.1	5 27 26.05	+3.7138	+0.0063	+25 51 34.8	+2.840	−0.537	88.6	1348 1546	25 865
2532	9.2	27 30.64	3.7681	0.0066	27 44 3.2	2.834	0.545	87.1	1351 1352	27 803*
2533	7.8	27 33.14	3.7104	0.0063	25 44 33.4	2.830	0.537	79.1	350 730 815	25 866
2534	8.6	27 42.50	3.6877	0.0062	24 56 11.3	2.816	0.534	89.2	1353 1616	24 869
2535	8.9	27 50.51	3.7117	0.0063	25 47 7.9	2.805	0.537	80.4	272 730 966 967	25 868
2536	9.0	5 28 0.55	+3.6949	+0.0062	+25 11 23.1	+2.790	−0.535	85.8	955 965 1619	25 872
2537	7.1	28 4.89	3.7638	0.0065	27 34 42.8	2.784	0.545	79.8	429 634 960	27 806
2538	9.1	28 8.85	3.6851	0.0062	24 50 17.1	2.778	0.533	88.5	1354 1508 1510	*24 871*
2539	9.0	28 14.34	3.7162	0.0063	25 55 56.8	2.770	0.538	83.2	966 967	25 875
2540	8.4	28 16.95	3.7233	0.0063	26 11 2.7	2.767	0.539	79.6	273 631 896 898	26 864
2541	9.2	5 28 18.38	+3.7204	+0.0062	+26 4 55.3	+2.765	−0.538	91.2	1615 1618	26 865*
2542	8.2	28 33.01	3.7260	0.0062	26 16 26.4	2.744	0.539	80.1	633 731 815	26 866
2543	9.1	28 38.75	3.8045	0.0067	28 56 12.8	2.735	0.551	84.1	961 1056 1150	28 829
2544	6.6	28 45.45	3.7142	0.0061	25 51 22.4	2.725	0.537	84.6	1054 1055 1153 1154	25 879
2545	8.5	28 45.53	3.7042	0.0061	25 30 16.7	2.725	0.536	84.4	965 1148 1149	25 878
2546	8.5	5 28 47.98	+3.7715	+0.0065	+27 49 44.3	+2.722	−0.546	83.6	960 962 966 1151	27 811
2547	8.8	28 55.98	3.6920	0.0060	25 4 19.1	2.710	0.534	85.1	964 1152 1241 1248	25 881
2548	8.8	29 1.19	3.8136	0.0066	29 13 56.8	2.703	0.552	80.5	426(2) 547 967 1348	29 941
2549	9.3	29 4.17	3.7163	0.0061	25 55 31.9	2.698	0.538	85.6	894 1509	25 883
2550	9.1	29 6.33	3.7801	0.0065	28 7 4.0	2.695	0.547	89.1	1511	28 831*

[1] Z. 174 179 426 542 544 [2] Z. 177 429 898 965 1511 [3] Z. 174 179 349 426 1054

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2551	6.7	$5^h\ 29^m\ 20^s.51$	+3ˢ.7428	+0ˢ.0062	+26° 50′ 37″.6	+2″.675	−0″.542	81.5	273 1055 1156	26 870
2552	9.3	29 27.22	3.7529	0.0062	27 11 13.6	2.665	0.544	82.6	731 1155	27 815*
2553	9.2	29 46.44	3.7185	0.0060	25 59 40.9	2.637	0.539	91.2	1617	25 886*
2554	8.8	29 51.22	3.7529	0.0061	27 11 28.0	2.630	0.544	86.1	632 1771	27 818
2555	8.3	29 54.09	3.7227	0.0060	26 8 17.2	2.626	0.539	79.9	273 631 896 966	26 876
2556	9.2	5 30 0.34	+3.7110	+0.0060	+25 43 46.8	+2.617	−0.538	87.1	1351 1352	25 887*
2557	9.0	30 7.58	3.7168	0.0060	25 55 57.8	2.607	0.539	82.8	894 955 965	25 888
2558	9.0	30 12.29	3.7054	0.0059	25 31 51.7	2.600	0.537	83.5	962 965 1056	25 890
2559	8.9	30 29.07	3.7432	0.0060	26 50 24.9	2.576	0.542	81.8	633 815 1150	26 879
2560	8.9	30 44.30	3.8424	0.0065	30 8 51.2	2.554	0.557	80.5	547 731 967	30 964
2561	9.3	5 30 47.07	+3.7769	+0.0062	+27 59 16.4	+2.549	−0.548	83.1	960	27 820*
2562	9.1	30 47.19	3.6882	0.0057	24 54 59.4	2.549	0.535	91.2	1616 1619	24 897
2563	9.3	30 51.09	3.7756	0.0062	27 56 16.4	2.544	0.548	80.5	632 634 961	27 822
2564	9.5	30 51.44	3.6886	0.0057	24 55 32.3	2.543	0.535	89.1	1511	24 898*
2565	8.2	31 4.07	3.7889	0.0062	28 23 4.2	2.525	0.550	89.1	1348 1618	28 836
2566	8.9	5 31 8.52	+3.7260	+0.0059	+26 14 24.0	+2.519	−0.540	84.4	966 1056 1153 1154	26 883
2567	6.8	31 10.03	3.7348	0.0059	26 32 33.3	2.516	0.541	77.8	273 631 633	26 884
2568	8.1	31 14.88	3.8404	0.0065	30 4 31.9	2.509	0.556	82.9	896 962 965 968	30 966
2569	9.0	31 15.15	3.7753	0.0062	27 55 33.1	2.509	0.548	79.2	632 634	27 823
2570	6.2	31 21.38	3.8119	0.0063	29 8 26.7	2.500	0.552	81.4	428 955 1054	29 947
2571	8.3	5 31 30.76	+3.8307	+0.0064	+29 45 34.3	+2.486	−0.556	78.4	426 426 547 815	29 949
2572	8.7	31 49.33	3.6977	0.0056	25 14 21.4	2.459	0.536	81.2	186 1442	25 901
2573	8.7	31 52.88	3.7691	0.0060	27 42 27.5	2.454	0.547	91.1	1509 1773	27 828
2574	8.2	31 56.47	3.8388	0.0063	30 0 48.3	2.449	0.557	86.5	1156 1351 1352	30 970
2575	5.5	31 59.59	3.7145	0.0057	25 49 29.2	2.445	0.538	80.1	433 731 961	25 902
2576	9.5	5 32 8.61	+3.7155	+0.0057	+25 51 43.8	+2.432	−0.538	83.9	894 965 1148 1149	25 904
2577	9.1	32 11.19	3.7388	0.0058	26 40 3.8	2.428	0.543	77.1	173 176 960	26 890
2578	9.5	32 22.42	3.7987	0.0061	28 43 42.6	2.412	0.551	84.1	966 1055 1150	28 844
2579	8.5	32 34.28	3.6915	0.0055	25 0 43.6	2.394	0.536	85.1	186 350	25 907
2580	9.0	32 34.60	3.6882	0.0055	24 53 39.7	2.394	0.536	88.8	1254 1508 1617	24 911
2581	7.5	5 32 39.85	+3.8052	+0.0060	+28 54 21.3	+2.386	−0.552	78.4	276 353 733 898	28 846
2582	8.4	32 42.25	3.7595	0.0057	27 22 18.7	2.383	0.546	82.1	634 961 962 967	27 832
2583	9.0	32 45.87	3.7175	0.0056	25 55 26.3	2.378	0.540	87.5	1255 1353 1511	25 909
2584	8.4	32 48.80	3.7697	0.0058	27 42 55.8	2.374	0.547	81.6	274 429 1347 1348	27 833
2585	8.9	32 56.85	3.8088	0.0060	29 1 12.8	2.362	0.552	76.1	174 179 542 544	29 952
2586	9.0	5 32 57.66	+3.7467	+0.0057	+26 55 49.7	+2.361	−0.544	86.4	173 273 431 633	26 899
2587	8.5	33 4.36	3.6969	0.0055	25 11 42.0	2.351	0.536	78.4	272 730 736	25 910
2588	9.5	33 9.77	3.7793	0.0058	28 2 14.4	2.343	0.548	83.1	964	28 847*
2589	9.4	33 13.62	3.7827	0.0058	28 8 53.7	2.337	0.548	80.1	276 737 896 955	28 848
2590	9.4	33 18.19	3.7602	0.0057	27 23 17.4	2.331	0.546	83.1	961	27 836*
2591	9.0	5 33 18.81	+3.7216	+0.0055	+26 3 37.7	+2.330	−0.540	77.5	176 631 633	26 901
2592	8.6	33 20.45	3.7482	0.0056	26 58 35.6	2.328	0.544	79.8	351 815 898	26 902
2593	7.0	33 22.89	3.8211	0.0060	29 25 11.0	2.324	0.554	81.6	6 obs.[1]	29 953
2594	7.5	33 23.37	3.8211	0.0060	29 25 36.8	2.323	0.554	76.6	349 428	29 954
2595	8.7	33 35.93	3.7656	0.0057	27 34 6.1	2.305	0.547	78.8	429 632 733	27 837
2596	9.3	5 33 40.79	+3.7671	+0.0056	+27 37 2.5	+2.298	−0.547	80.1	733	27 838*
2597	8.0	33 44.74	3.7901	0.0057	28 23 23.3	2.292	0.551	82.2	737 965 968	28 849
2598	8.0	33 49.59	3.7360	0.0055	26 32 51.7	2.285	0.542	77.6	273 730	26 903
2599	9.1	33 53.42	3.7800	0.0057	28 2 55.0	2.280	0.549	81.6	731 960	28 850
2600	8.5	33 55.67	3.7043	0.0053	25 26 46.8	2.277	0.538	78.4	186 345 736 959	25 918

[1] Z. 174 349 428 544 1651 1658

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2601	8.9	5h 33m 57.04	+3.8156	+0.0058	+29° 13′ 52.8	+2.275	−0.554	78.6	179 541 547 1054	29° 958
2602	9.3	33 57.27	3.7034	0.0053	25 24 58.7	2.274	0.538	76.1	345	25 919*
2603	8.7	33 59.63	3.8146	0.0058	29 12 1.7	2.271	0.554	80.2	5 obs. [1]	29 960
2604	9.0	33 59.72	3.7478	0.0055	26 57 22.9	2.271	0.544	83.9	5 obs. [2]	26 904
2605	8.8	34 1.21	3.8225	0.0059	29 27 22.1	2.269	0.555	78.6	542 635	29 961
2606	8.5	5 34 6.47	+3.7256	+0.0054	+26 11 31.2	+2.261	−0.541	79.8	173 631 955 965	26 905
2607	9.0	34 6.65	3.7837	0.0057	28 10 19.9	2.261	0.550	83.6	962 964 967 1151	28 853
2608	9.0	34 7.80	3.7193	0.0054	25 58 22.3	2.259	0.540	79.8	272 350 1438	25 920
2609	9.0	34 10.00	3.7839	0.0057	28 10 40.9	2.256	0.550	79.4	276 353 962 967	28 854
2610	8.4	34 11.13	3.7699	0.0056	27 42 14.7	2.254	0.548	82.9	634 966 1056 1155	27 839
2611	9.1	5 34 12.46	+3.8147	+0.0058	+29 11 3.3	+2.252	−0.554	85.2	1153 1773 1886	29 962
2612	8.6	34 12.72	3.7263	0.0054	26 12 49.8	2.252	0.541	81.1	631 815 965	26 906
2613	9.0	34 21.91	3.8289	0.0059	29 39 38.5	2.239	0.556	79.5	174 637 1152	29 963
2614	9.5	34 22.43	3.8407	0.0059	30 2 42.1	2.238	0.557	83.1	959	30 982*
2615	7.7	34 29.90	3.8328	0.0059	29 47 9.4	2.227	0.556	80.8	544 635 1150	29 964
2616	9.1	5 34 31.63	+3.7122	+0.0053	+25 43 5.6	+2.224	−0.539	86.8	1249 1254 1440	25 926*
2617	8.2	34 31.92	3.8067	0.0057	28 56 3.1	2.224	0.552	82.1	733 1055	28 856
2618	8.9	34 36.57	3.7452	0.0054	26 51 32.2	2.217	0.544	82.5	431 1148 1149	26 907
2619	8:3	34 36.83	3.7311	0.0054	26 22 28.7	2.217	0.542	84.6	955 966 1058 1442	26 908
2620	9.5	34 38.56	3.7094	0.0053	25 37 5.4	2.214	0.538	86.1	1241 1247	25 928*
2621	9.5	5 34 42.18	+3.7054	+0.0052	+25 28 39.1	+2.209	−0.538	77.2	186 736	25 929
2622	8.9	34 48.25	3.7496	0.0054	27 0 30.4	2.200	0.545	82.6	6 obs. [3]	26 909
2623	9.2	34 58.74	3.7152	0.0053	25 48 52.7	2.185	0.539	83.6	272 1656	25 930*
2624	9.0	35 6.58	3.7108	0.0053	25 39 46.2	2.174	0.539	84.6	960 1248	25 931
2625	8.5	35 12.65	3.8361	0.0058	29 53 9.8	2.165	0.557	79.8	542 547 964	29 969
2626	8.2	5 35 20.40	+3.7024	+0.0052	+25 18 3.4	+2.154	−0.537	80.1	350 815 968	25 934
2627	7.0	35 25.93	3.8133	0.0056	29 8 17.9	2.146	0.554	78.2	349 635 637	29 970
2628	9.2	35 27.88	3.7142	0.0052	25 46 38.2	2.143	0.540	87.2	1354 1355	25 935
2629	8.3	35 37.94	3.8302	0.0057	29 41 28.3	2.128	0.556	76.1	174 541	29 971
2630	9.0	35 44.37	3.7197	0.0052	25 58 1.0	2.119	0.541	84.5	731 1056 1508	25 939
2631	8.3	5 35 45.68	+3.7276	+0.0052	+26 14 37.1	+2.117	−0.542	74.8	173 176 351	26 920
2632	8.8	35 47.54	3.7303	0.0052	26 20 7.0	2.114	0.542	83.2	633 1153 1154	26 922
2633	8.1	35 47.83	3.6987	0.0050	25 13 43.4	2.114	0.538	80.5	186 961 1055	25 940
2634	9.1	35 53.50	3.6885	0.0050	24 51 45.3	2.106	0.536	87.6	1347 1348 1438 1441	24 933*
2635	8.9	35 55.37	3.8270	0.0056	29 33 14.7	2.103	0.556	81.4	179 959 966 1155	29 972
2636	6.8	5 35 55.94	+3.7030	+0.0050	+25 22 41.3	+2.102	−0.539	83.5	433 1054 1509	25 941
2637	9.1	35 57.63	3.7272	0.0051	26 13 30.4	2.100	0.542	84.4	176 1351 1352 1510	26 924*
2638	9.1	35 58.81	3.7427	0.0052	26 45 30.3	2.098	0.544	86.5	6 obs. [4]	26 925
2639	7.9	35 59.23	3.7566	0.0052	27 14 5.5	2.097	0.546	78.5	429 632 634	27 846
2640	9.3	35 59.32	3.7323	0.0051	26 24 5.9	2.097	0.543	79.2	633	26 926*
2641	8.5	5 36 1.58	+3.6925	+0.0050	+25 0 29.7	+2.094	−0.537	88.5	1255 1440 1615	24 934
2642	8.8	36 3.19	3.7313	0.0051	26 21 55.0	2.092	0.542	84.1	960 1151	26 927
2643	8.2	36 6.70	3.8227	0.0055	29 26 28.8	2.087	0.555	80.4	7 obs.	29 974
2644	8.9	36 16.44	3.6961	0.0050	25 7 58.2	2.072	0.538	81.4	345 965 1149	25 943
2645	7.8	36 17.87	3.8388	0.0056	29 57 32.1	2.070	0.558	76.1	179 349 541	29 975
2646	8.8	5 36 20.09	+3.7413	+0.0052	+26 42 31.6	+2.067	−0.544	80.4	173 896 1152	26 929
2647	9.2	36 24.99	3.7013	0.0050	25 18 50.2	2.060	0.538	78.6	350 815	25 946
2648	9.2	36 25.15	3.7484	0.0052	26 57 0.2	2.060	0.545	89.1	1150 1773	26 930
2649	7.5	36 29.92	3.7696	0.0052	27 40 18.9	2.053	0.549	76.8	187 429 632	27 849
2650	9.0	36 38.20	3.7549	0.0051	27 10 15.0	2.041	0.546	79.9	634 730 731 733	27 850

[1] Z. 179 547 637 1054 1154
[2] Z. 351 896 1350 1351 1352
[3] Z. 431 731 737 898 1353 1511
[4] Z. 962 967 968 1513 1546 1550

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2651	8.9	5h 36m 39s.14	+3s.7454	+0s.0051	+26° 50' 32".2	+2".039	—0".544	78.8	351 431 965	26° 931
2652	9.0	36 41.20	3.7951	0.0053	28 31 28.4	2.036	0.551	85.4	955 1148 1442	28 866
2653	8.1	36 41.49	3.8082	0.0053	28 57 28.5	2.036	0.554	81.1	5 obs.[1]	28 868
2654	9.5	36 48.44	3.7473	0.0051	26 54 37.7	2.026	0.545	79.4	176 736 737 966	26 934
2655	9.1	36 51.15	3.8062	0.0053	28 53 18.0	2.022	0.553	88.7	1254 1616	28 869*
2656	9.0	5 36 56.44	+3.7047	+0.0049	+25 25 46.6	+2.014	—0.539	75.7	186 433	25 952
2657	7.9	36 56.49	3.6885	0.0049	24 51 30.6	2.014	0.536	89.2	1353 1619	24 940
2658	8.2	37 5.77	3.7841	0.0052	28 9 12.7	2.001	0.550	86.5	5 obs.[2]	28 871
2659	8.2	37 6.21	3.7125	0.0050	25 42 1.4	2.000	0.540	75.7	272 345 350	25 953
2660	7.4	37 9.17	3.7292	0.0050	26 17 6.0	1.996	0.542	79.9	5 obs.[3]	26 937
2661	8.3	5 37 16.24	+3.7854	+0.0052	+28 11 43.6	+1.986	—0.550	77.5	276 353 815	28 873
2662	9.2[4]	37 24.11	3.8128	0.0053	29 6 5.9	1.974	0.554	78.6	541 637	29 981*
2663	8.0	37 30.16	3.6822	0.0048	24 37 41.1	1.966	0.535	88.5	1354 1355 1618	*24 942*
2664	9.4	37 34.30	3.7058	0.0049	25 27 36.3	1.959	0.539	83.1	961	25 957*
2665	7.5	37 34.42	3.8172	0.0053	29 14 33.8	1.959	0.555	76.1	174 349 544	29 983
2666	8.5	5 37 35.73	+3.8440	+0.0054	+30 6 43.0	+1.957	—0.558	88.1	637 1658 1773	30 997
2667	8.6	37 41.50	3.7989	0.0052	28 38 18.8	1.949	0.552	79.8	636 731 733	28 878
2668	9.1	37 41.62	3.7561	0.0050	27 11 57.2	1.949	0.546	81.8	429 634 1513	27 856
2669	9.0	37 46.41	3.7432	0.0049	26 45 30.7	1.942	0.544	77.1	173 431 737	26 942
2670	8.5	37 48.90	3.7120	0.0048	25 40 33.0	1.938	0.540	75.5	186 345 350	25 958
2671	8.9	5 37 49.44	+3.7738	+0.0051	+27 48 0.7	+1.938	—0.549	84.1	736 955 1509	27 857
2672	8.0	37 50.81	3.6945	0.0048	25 3 42.7	1.936	0.537	84.4	960 1054 1153 1154	25 961
2673	8.8	37 59.44	3.8122	0.0052	29 4 29.8	1.923	0.554	77.4	174 428 635 637	29 985
2674	9.1	38 5.61	3.7768	0.0051	27 53 52.7	1.914	0.550	86.9	5 obs.[5]	27 858*
2675	8.9	38 6.70	3.7229	0.0048	26 3 22.0	1.912	0.541	79.9	273 351 961 1155	26 944
2676	7.7[6]	5 38 10.56	+3.7173	+0.0048	+25 51 34.3	+1.907	—0.540	81.9	272 433 968 1654	25 963
2677	8.8	38 26.56	3.7925	0.0050	28 25 12.1	1.884	0.552	85.5	964 1151 1441	28 883
2678	8.8	38 28.65	3.7001	0.0047	25 15 9.6	1.880	0.538	85.1	967 1055 1156 1438	25 966
2679	8.4	38 32.25	3.7114	0.0047	25 38 54.0	1.875	0.540	79.8	186 733 1149	25 967
2680	9.0	38 33.83	3.7219	0.0047	26 1 4.7	1.873	0.541	75.1	173 351	26 948
2681	9.3	5 38 36.84	+3.7051	+0.0047	+25 25 37.8	+1.869	—0.539	85.1	1152	25 969*
2682	8.7	38 39.99	3.7069	0.0047	25 29 26.8	1.864	0.539	85.3	6 obs.[7]	25 970
2683	9.4	38 44.86	3.7088	0.0047	25 33 25.0	1.857	0.539	84.1	966 1150	25 971
2684	8.7	38 49.96	3.6994	0.0047	25 13 22.7	1.850	0.538	81.1	433 1148	25 972
2685	9.5	38 51.79	3.7070	0.0047	25 29 31.9	1.847	0.539	89.6	1249 1774	25 973
2686	9.0	5 38 57.57	+3.8335	+0.0051	+29 45 44.9	+1.838	—0.558	74.1	174 179	29 992
2687	8.8	39 10.93	3.7855	0.0049	28 10 40.2	1.819	0.551	76.8	276 353 636	28 886
2688	8.1	39 11.97	3.8219	0.0050	29 22 46.8	1.818	0.556	82.5	5 obs.[8]	29 994
2689	8.1	39 19.51	3.7974	0.0049	28 34 24.1	1.807	0.552	84.1	1054 1055	28 887
2690	8.5	39 22.54	3.7158	0.0047	25 47 45.5	1.802	0.540	81.1	345 960 1058	25 975
2691	9.3	5 39 24.67	+3.7233	+0.0046	+26 3 16.0	+1.799	—0.541	74.1	176	26 953*
2692	7.0	39 26.02	3.8291	0.0050	29 36 39.8	1.797	0.557	79.2	179 635 1056	29 997
2693	9.0	39 33.28	3.7191	0.0046	25 54 38.7	1.787	0.541	80.8	350 966 968	25 977
2694	8.7	39 49.67	3.7472	0.0046	26 52 29.4	1.763	0.545	76.1	176 351 431 431	26 955
2695	9.5	39 50.29	3.8034	0.0048	28 46 6.1	1.762	0.553	93.6	1779 1889	28 891
2696	6.6	5 39 50.92	+3.7080	+0.0045	+25 31 10.0	+1.761	—0.540	80.1	186 731 964 967	25 978
2697	8.0	39 53.98	3.7681	0.0047	27 35 11.3	1.757	0.548	76.8	184 429 632	27 866
2698	9.1	39 56.42	3.7197	0.0045	25 55 34.1	1.753	0.542	80.4	272 955 965	25 979
2699	8.8	39 57.84	3.8026	0.0048	28 44 26.0	1.751	0.553	82.3	6 obs.[9]	28 893
2700	9.1	39 58.71	3.8476	0.0049	30 12 24.1	1.750	0.560	86.9	1255 1350 1351 1352	*30 1013*

[1] Z. 276 353 636 1249 1511
[2] » 967 1241 1247 1248 1617
[3] » 273 631 633 962 965
[4] Marked 8.4 mag. on Feb. 12. 1878
[5] Z. 1255 1347 1348 1351 1352
[6] Double, south following
[7] Z. 815 962 965 1056 1546 1550
[8] » 349 541 1241 1247 1248
[9] » 276 353 636 1151 1153 1773

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2701	9.1	$5^h\ 40^m\ 6^s.76$	+3ˢ.7098	+0ˢ.0045	+25° 34′ 43″.0	+1″.738	−0″.540	90.1	1440 1656	25° 980*
2702	9.3	40 15.50	3.7158	0.0045	25 47 20.4	1.725	0.541	80.6	345 1150	25 981
2703	9.5	40 15.63	3.8049	0.0048	28 48 45.6	1.725	0.553	80.2	736	— —
2704	9.2	40 27.58	3.8422	0.0049	30 1 38.9	1.708	0.559	74.8	174 179 349	30 1017
2705	9.0	40 31.18	3.7497	0.0045	26 57 25.2	1.702	0.546	74.8	173 176 351	26 959
2706	8.4	5 40 47.51	+3.7889	+0.0046	+28 16 42.8	+1.679	−0.551	76.8	276 353 636	28 902
2707	9.0	40 54.44	3.7227	0.0044	26 1 15.9	1.669	0.542	88.1	1355 1509	26 963
2708	8.2	40 56.04	3.8323	0.0048	29 42 13.5	1.666	0.558	81.6	8 obs.	29 1004
2709	8.2	40 56.73	3.8135	0.0047	29 5 24.8	1.665	0.555	86.3	7 obs.	29 1005
2710	8.1	40 58.78	3.7604	0.0045	27 19 3.8	1.662	0.547	75.2	184 187 283 429	27 874
2711[1]	9.3	5 41 6.36	+3.7869	+0.0046	+28 12 27.8	+1.651	−0.551	83.2	968	28 904*
2712	8.6	41 12.77	3.8432	0.0048	30 3 16.6	1.642	0.559	77.6	174 179 637 961	30 1021
2713	7.8	41 18.06	3.8318	0.0048	29 40 56.4	1.634	0.557	78.8	428 635 731	29 1009
2714	7.6	41 22.82	3.7108	0.0043	25 36 21.3	1.627	0.540	75.8	186 350 433	25 991
2715	9.4	41 36.94	3.8454	0.0047	30 6 50.8	1.607	0.559	82.2	815 964	30 1022*
2716	9.1	5 41 40.34	+3.7320	+0.0043	+26 20 20.7	+1.602	−0.543	83.1	173 633 1514 1546	26 967
2717	7.0	41 47.13	3.7663	0.0044	27 30 30.9	1.592	0.548	74.5	184 187 283	27 880
2718	8.9	41 55.55	3.7539	0.0043	27 5 14.9	1.580	0.546	76.8	184 429 634	27 881
2719	9.0	41 55.75	3.8523	0.0046	30 20 21.2	1.580	0.560	86.5	1255 1256 1348	*30 1023*
2720	9.2	42 16.32	3.7038	0.0042	25 21 13.9	1.550	0.539	74.6	186 272	25 997
2721	8.6	5 42 25.04	+3.7492	+0.0043	+26 55 24.9	+1.537	−0.546	74.8	173 176 351	26 971
2722	8.9	42 34.39	3.8332	0.0045	29 43 11.8	1.523	0.558	77.4	174 541 544 635	29 1012
2723	9.5	42 38.02	3.7047	0.0041	25 23 0.6	1.518	0.540	74.1	170 186	— —
2724	7.2	42 49.02	3.7653	0.0043	27 27 57.8	1.502	0.548	74.5	184 187 283	27 886
2725	7.8	42 56.65	3.7706	0.0043	27 38 47.0	1.491	0.549	76.8	187 429 632	27 887
2726	9.4	5 43 1.41	+3.7987	+0.0044	+28 35 2.5	+1.484	−0.553	89.1	1247 1654	28 912*
2727	7.7	43 2.18	3.7229	0.0041	26 0 56.0	1.483	0.542	76.7	173 351 431 (2) 633	26 975
2728	6.5	43 5.58	3.7790	0.0043	27 55 40.4	1.478	0.551	79.9	634 730 731 733	27 888
2729	9.2	43 5.96	3.7962	0.0043	28 29 55.9	1.478	0.553	76.8	276 353 636	28 914
2730	9.0	43 20.04	3.6913	0.0041	24 54 23.0	1.457	0.538	78.3	170 345 735 966	24 984
2731	8.7	5 43 20.09	+3.6994	+0.0041	+25 11 27.4	+1.457	−0.539	77.4	350 355 433 736	25 1005
2732	9.5	43 24.62	3.7961	0.0042	28 29 41.3	1.450	0.553	79.1	276 737 896	28 916
2733	9.0	43 38.88	3.7879	0.0042	28 13 12.1	1.430	0.552	79.5	353 730 898	28 917
2734	8.0	43 40.00	3.7830	0.0042	28 3 16.1	1.428	0.551	82.6	815 955 959 964	28 918
2735	8.3	43 48.11	3.7755	0.0041	27 48 16.9	1.416	0.550	79.1	184 634 733 962	27 891
2736	8.5	5 43 53.75	+3.7938	+0.0041	+28 24 47.5	+1.408	−0.553	82.9	899 962 965 967	28 919
2737	8.5	43 54.59	3.7938	0.0041	28 24 55.0	1.408	0.553	82.8	899 965 967	
2738	8.7	44 0.68	3.7882	0.0041	28 13 30.7	1.398	0.552	81.8	735 898 968	28 920
2739	9.0	44 9.06	3.8220	0.0042	29 20 30.7	1.386	0.556	76.8	179 541 544	29 1020
2740	9.1	44 9.54	3.7139	0.0040	25 38 39.6	1.385	0.540	76.1	186 345 544	25 1008
2741	9.0	5 44 10.92	+3.8386	+0.0043	+29 52 50.7	+1.383	−0.559	81.2	547 637 1254	29 1021
2742	8.2	44 17.52	3.8263	0.0042	29 28 57.8	1.373	0.557	81.8	5 obs.[2]	29 1022
2743	9.4	44 17.73	3.8429	0.0042	30 1 11.9	1.373	0.560	83.6	737 1056 1148 1149	30 1036*
2744	8.8	44 26.25	3.7995	0.0041	28 35 52.1	1.361	0.553	83.6	731 1055 1058 1241	28 924
2745	8.8	44 37.24	3.7368	0.0039	26 28 57.9	1.345	0.544	74.8	173 176 351	26 981
2746	9.5	5 44 46.79	+3.8385	+0.0041	+29 52 18.4	+1.331	−0.559	77.1	174 179 966	29 1026
2747	8.6	44 46.68	3.8343	0.0041	29 44 8.7	1.331	0.559	78.1	349 428 547 815	29 1027
2748	8.7	44 47.83	3.8344	0.0041	29 44 17.9	1.329	0.559	76.6	349 428	
2749	8 9	44 54.62	3.7200	0.0038	25 54 4.2	1.319	0.542	78.4	272 433 955	25 1013
2750	8.8	44 54.92	3.7016	0.0038	25 15 26.5	1.319	0.539	80.5	355 896 964	25 1014

[1] North preceding of three

[2] Z. 277 635 961 1054 1056

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2751	8.2	$5^h\ 45^m\ 0^s.02$	+3ˢ.8141	+0ˢ.0040	+29° 4′ 45″.0	+1″.312	−0″.555	75.8	174 277 544	29° 1028
2752	9.0	45 3.04	3.7806	0.0040	27 57 55.3	1.307	0.551	75.5	5 obs.[1]	27 895
2753	8.9	45 4.23	3.7944	0.0040	28 25 39.0	1.306	0.553	79.9	5 obs.[2]	28 927
2754	9.1	45 19.05	3.7695	0.0040	27 35 30.3	1.284	0.549	79.8	632 634 815	27 897
2755	8.2	45 19.05	3.7349	0.0038	26 24 45.5	1.284	0.544	76.5	176 351 633	26 985
2756	9.1	5 45 20.36	+3.7524	+0.0039	+27 0 41.7	+1.282	−0.546	87.4	1249 1348 1509	27 898*
2757	8.9	45 20.67	3.7234	0.0038	26 1 6.1	1.281	0.542	83.1	955 961 964	26 987
2758	9.1	45 24.49	3.8418	0.0040	29 58 24.8	1.276	0.560	87.5	1255 1353 1511	29 1030*
2759	8.2	45 25.28	3.7890	0.0039	28 14 35.7	1.275	0.552	80.5	353 898 959	28 930
2760	5.2	45 28.42	3.7692	0.0040	27 34 49.3	1.270	0.549	76.1	187 429 430	27 899
2761	9.3	5 45 42.39	+3.8452	+0.0040	+30 4 58.5	+1.250	−0.560	77.1	179 541 637	30 1043*
2762	8.5	45 46.52	3.7147	0.0037	25 42 39.1	1.244	0.541	74.8	170 186 350	25 1019
2763	7.5	45 48.27	3.6957	0.0036	25 2 31.9	1.241	0.538	79.5	546 730 733	25 1020
2764	9.0	45 49.61	3.7668	0.0038	27 29 53.2	1.239	0.549	88.9	1256 1355 1615 1617	27 900
2765	9.1	45 50.28	3.7400	0.0037	26 35 1.5	1.238	0.545	84.4	173 1438 1616	26 989
2766	8.2	5 45 54.24	+3.7105	+0.0037	+25 33 43.6	+1.233	−0.540	79.2	433 735 736	25 1021
2767	9.1	45 56.57	3.7226	0.0037	25 59 2.1	1.229	0.542	76.1	345 350	25 1022
2768	8.6	45 57.22	3.8097	0.0039	28 55 33.6	1.228	0.555	86.1	276 1514 1546 1550	28 933
2769	9.1	45 59.03	3.8161	0.0039	29 8 14.6	1.226	0.555	88.1	1350 1351 1352 1618	29 1033*
2770	8.9	45 59.71	3.7344	0.0037	26 23 30.8	1.225	0.544	78.8	431 633 737	26 990
2771	8.4	5 46 12.89	+3.7344	+0.0037	+26 23 32.7	+1.205	−0.544	78.8	431 633 737	26 992
2772	8.6	46 19.72	3.7091	0.0036	25 30 48.0	1.196	0.540	76.2	186 355 546	25 1024
2773	9.2	46 21.64	3.7229	0.0036	25 59 33.5	1.193	0.542	76.8	170 272 345 896	25 1025
2774	8.8	46 31.60	3.7409	0.0036	26 36 38.7	1.178	0.545	74.8	173 176 351	26 995
2775	8.8	46 44.39	3.8015	0.0038	28 39 12.3	1.160	0.553	76.8	276 353 636	28 938
2776	8.5	5 47 3.53	+3.7928	+0.0037	+28 21 39.4	+1.132	−0.552	80.1	730 731	28 940
2777	9.3	47 11.51	3.6967	0.0035	25 4 9.9	1.120	0.538	80.2	433 735 736 966	25 1027
2778	9.5	47 11.73	3.6906	0.0035	24 51 18.3	1.120	0.537	92.6	1619 1889	24 1014
2779	8.0	47 13.59	3.7617	0.0036	27 18 50.8	1.117	0.548	75.5	184 283 430	27 906
2780	9.1	47 16.45	3.7545	0.0035	27 4 16.4	1.113	0.547	77.5	187 632 634	27 907
2781	7.1[3]	5 47 22.08	+3.8411	+0.0037	+29 56 16.9	+1.105	−0.560	80.1	5 obs.[4]	29 1037
2782	9.1	47 23.94	3.6907	0.0034	24 51 22.5	1.102	0.538	89.1	1255 1509 1656	24 1015
2783	9.2	47 29.27	3.7550	0.0035	27 5 15.1	1.094	0.547	78.5	429 632 634	27 911
2784	7.5	47 31.81	3.8168	0.0036	29 8 55.0	1.091	0.556	77.1	277 544 547	29 1039
2785	9.4	47 32.81	3.7907	0.0036	28 17 21.7	1.089	0.552	81.8	815 898 901	28 944
2786	9.1	5 47 38.23	+3.7204	+0.0034	+25 53 47.9	+1.081	−0.542	87.7	1256 1511	25 1028*
2787	8.6	47 38.76	3.8409	0.0037	29 55 53.2	1.081	0.560	77.3	5 obs.[5]	29 1041
2788	9.0	47 39.38	3.7277	0.0034	26 9 4.8	1.080	0.543	75.1	173 176 431	26 1001
2789	7.5	47 48.58	3.7729	0.0035	27 41 25.0	1.066	0.551	77.4	184 274 731 733	27 914
2790	9.0	47 52.16	3.7365	0.0034	26 27 13.0	1.061	0.545	76.6	176 633	26 1003
2791	9.2	5 48 0.62	+3.7807	+0.0035	+27 57 6.1	+1.049	−0.551	81.1	283 735 1438	27 915
2792	9.1	48 2.01	3.7075	0.0033	25 26 38.0	1.047	0.540	86.1	546 1353 1514 1546	25 1031*
2793	9.1	48 9.04	3.8122	0.0035	28 59 46.1	1.036	0.556	90.2	1355 1615 1616 1617	28 949*
2794	9.2	48 14.53	3.6949	0.0033	25 0 5.6	1.029	0.538	93.1	1774 1776	24 1022
2795	9.5	48 17.40	3.8402	0.0035	29 54 18.7	1.024	0.560	74.1	174	29 1043*
2796	8.8	5 48 26.71	+3.7570	+0.0034	+27 8 52.5	+1.011	−0.548	78.9	187 429 430 1354	27 918
2797	8.0	48 29.86	3.7036	0.0033	25 18 24.8	1.006	0.540	76.7	186(2) 345 355 964	25 1034
2798	8.5	48 31.34	3.8348	0.0035	29 43 46.8	1.004	0.559	76.8	6 obs.[6]	29 1045
2799	6.7	48 37.32	3.8100	0.0034	28 55 10.9	0.995	0.556	74.8	65 276 353	28 952
2800	8.7	48 42.18	3.7088	0.0032	25 29 8.1	0.988	0.540	75.6	272 350	25 1036

[1] Z. 184 187 283 429 430
[2] » 276 636 731 899 966
[3] Close double
[4] Z. 174 277 637 1249 1255
[5] Z. 179 349 541 635 637
[6] » 174 179 428 544 547 637

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2801	8.8	$5^h\ 48^m\ 48^s.27$	+3ˢ.6955	+0ˢ.0032	+25° 1′ 7″.3	+0″.979	−0″.538	81.5	355 433 1618	25° 1038
2802	9.5	49 0.48	3.7034	0.0032	25 17 53.8	0.961	0.540	74.1	170	25 1039*
2803	9.5	49 10.01	3.7154	0.0032	25 42 54.1	0.948	0.541	91.5	1551 1653 1654	25 1042*
2804	8.9	49 13.72	3.7698	0.0033	27 34 49.5	0.942	0.549	81.1	184 283 1249 1509	27 922
2805	7.7	49 15.32	3.7614	0.0033	27 17 46.4	0.940	0.548	79.5	632 634 730	27 923
2806	9.1	5 49 25.90	+3.6969	+0.0032	+25 3 56.9	+0.925	−0.538	75.4	170 345 350	25 1044
2807	9.1	49 28.03	3.7630	0.0032	27 21 1.1	0.921	0.548	78.1	429 430 735	27 925
2808	8.4	49 30.68	3.7479	0.0032	26 50 0.2	0.918	0.546	75.7	173 176 351 431(2)	26 1011
2809	9.3	49 34.30	3.7704	0.0032	27 36 1.4	0.912	0.549	75.1	274	27 926*
2810	9.2	49 37.06	3.6945	0.0031	24 58 57.6	0.908	0.539	88.2	1255 1550	24 1036
2811	9.0	5 49 41.14	+3.7159	+0.0031	+25 43 49.3	+0.902	−0.542	88.2	1254 1552	25 1045
2812	8.4	49 47.13	3.7906	0.0032	28 16 17.9	0.894	0.552	80.8	6 obs.[1]	28 957
2813	8.8	49 50.87	3.8370	0.0033	29 47 36.2	0.888	0.559	76.1	174 179 544 547	29 1054
2814	8.5	50 3.69	3.6994	0.0031	25 9 13.7	0.869	0.540	76.5	186 433 546	25 1049
2815	9.0	50 9.07	3.7143	0.0031	25 40 28.0	0.862	0.542	87.8	1256 1438 1514	25 1050
2816	9.2	5 50 9.58	+3.7285	+0.0031	+26 9 57.3	+0.861	−0.544	74.1	176	26 1015*
2817	8.7	50 13.86	3.7875	0.0032	28 10 8.4	0.854	0.552	77.1	276 353 730	28 958
2818	5.2	50 14.35	3.7218	0.0031	25 56 4.8	0.854	0.543	77.5	345 355 733	25 1052
2819	8.7	50 16.33	3.8247	0.0032	29 23 40.0	0.851	0.558	77.1	179 541 635	29 1056
2820	9.2	50 18.82	3.8167	0.0031	29 7 53.3	0.847	0.556	77.1	428	29 1057*
2821	8.2	5 50 24.39	+3.7108	+0.0030	+25 33 6.9	+0.839	−0.541	79.5	350 735 896	25 1053
2822	7.7	50 25.22	3.8314	0.0032	29 36 37.0	0.838	0.558	77.1	277 349 541 637	29 1058
2823	8.9	50 32.98	3.7291	0.0030	26 11 11.7	0.827	0.544	75.1	173 351	26 1018
2824	8.8	50 33.99	3.8494	0.0032	30 11 26.8	0.825	0.561	87.2	1353 1354	*30 1071*
2825	9.1	50 35.85	3.7747	0.0031	27 44 14.4	0.823	0.550	79.4	8 obs.	27 932
2826	9.0	5 50 51.15	+3.7032	+0.0029	+25 16 46.0	+0.800	−0.540	81.1	433 962 964	25 1055
2827	9.0	50 52.37	3.8177	0.0030	29 9 45.1	0.799	0.557	81.4	544 547 899 1355	29 1061
2828	9.5	50 53.53	3.8452	0.0031	30 3 18.8	0.797	0.560	83.6	898 966 1056 1148	30 1073*
2829	9.2	50 55.13	3.7059	0.0029	25 22 39.6	0.795	0.541	82.1	896 899	25 1056*
2830	6.8	50 55.31	3.8426	0.0031	29 58 8.8	0.794	0.560	78.6	277 637 730 731	29 1062
2831	8.3	5 51 3.13	+3.7705	+0.0030	+27 35 46.3	+0.783	−0.549	76.8	187 429 634	27 935
2832	9.0	51 4.50	3.7021	0.0029	25 14 34.5	0.781	0.540	79.3	5 obs.[2]	25 1057
2833	9.0	51 8.32	3.7756	0.0030	27 46 8.1	0.775	0.550	80.1	184 1249	27 936
2834	7.3	51 8.46	3.7170	0.0029	25 45 45.2	0.775	0.542	76.2	186 546	25 1058
2835	7.8	51 14.51	3.7691	0.0030	27 32 49.1	0.766	0.549	77.7	5 obs.[3]	27 938
2836	9.0	5 51 19.43	+3.7695	+0.0030	+27 33 32.5	+0.759	−0.549	86.6	736 1773	27 940
2837	9.3	51 29.86	3.7047	0.0029	25 19 52.7	0.744	0.540	82.1	815 961	25 1061*
2838	9.1	51 29.88	3.6966	0.0029	25 2 56.3	0.744	0.539	83.5	5 obs.[4]	25 1060
2839	8.5	51 36.17	3.8434	0.0030	29 59 31.5	0.735	0.561	76.9	5 obs.[5]	29 1066
2840	9.1	51 53.83	3.8491	0.0029	30 10 24.7	0.709	0.561	88.7	1255 1615	*30 1076**
2841	8.8	5 52 6.56	+3.8048	+0.0029	+28 44 11.3	+0.690	−0.555	74.8	65 276 353	28 965
2842	8.8	52 11.37	3.6975	0.0028	25 4 36.3	0.683	0.539	75.4	179 186 355 433	25 1065
2843	6.5	52 11.58	3.7862	0.0029	28 6 51.8	0.683	0.552	81.5	276 636 1551	28 966
2844	8.8	52 13.54	3.8254	0.0029	29 24 30.1	0.680	0.558	75.8	179 277 541	29 1069
2845	7.0	52 16.03	3.7608	0.0028	27 15 47.0	0.677	0.548	75.7	184 187 283 632	27 943
2846	8.7	5 52 30.48	+3.7006	+0.0027	+25 11 15.0	+0.656	−0.540	86.1	170 546	25 1067
2847	8.8	52 31.70	3.6936	0.0027	24 56 18.2	0.654	0.539	86.9	1256 1350 1351 1354	24 1052
2848	9.1	52 32.00	3.7471	0.0027	26 47 45.1	0.653	0.546	87.1	1252 1438	26 1027*
2849	9.3	52 36.45	3.8460	0.0028	30 4 25.4	0.647	0.561	86.1	174 547	30 1078*
2850	8.5	52 37.29	3.7214	0.0027	25 54 42.5	0.646	0.543	84.1	5 obs.[6]	25 1069

[1] Z. 276 353 636 731 966 1619
[2] » 170 345 733 962 965
[3] Z. 274 429 430 632 737
[4] » 272 350 739 1774 1775
[5] Z. 174 179 544 635 637
[6] » 730 731 735 1546 1550

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2851	7.4	$5^h\ 52^m\ 40^s.21$	+3ˢ.8128	+0ˢ.0028	+28° 59′ 44″.5	+0″.641	−0″.556	80.8	65 636 1552	28° 969
2852	9.0	52 44.13	3.8210	0.0027	29 15 45.6	0.636	0.557	77.8	349 544 635	29 1072
2853	9.2	52 49.89	3.7055	0.0027	25 21 15.7	0.627	0.540	82.2	355 1441	25 1071
2854	8.6	52 53.19	3.6888	0.0026	24 46 3.4	0.623	0.538	86.6	1249 1355	*24 1055*
2855	8.7	52 58.18	3.7442	0.0027	26 41 37.4	0.615	0.546	75.7	173 176 351 431 (2)	26 1031
2856	6.7	5 53 9.23	+3.7698	+0.0027	+27 33 47.5	+0.599	−0.550	76.5	5 obs.[1]	27 945
2857	9.0	53 18.74	3.7206	0.0026	25 52 58.0	0.585	0.543	80.1	731 736	25 1073
2858	9.5	53 19.61	3.8441	0.0027	30 0 38.9	0.584	0.561	83.1	964 965 966	30 1085*
2859	8.4	53 21.57	3.8263	0.0027	29 26 7.8	0.581	0.559	76.7	179 637	29 1074
2860	8.8	53 22.28	3.8079	0.0027	28 47 52.7	0.580	0.555	81.2	353 733 741 1442	28 974
2861	8.4	5 53 26.40	+3.8305	+0.0027	+29 34 12.0	+0.574	−0.559	77.2	349 544 547	29 1075
2862	9.0	53 27.19	3.7062	0.0026	25 22 42.2	0.573	0.541	76.7	5 obs.[2]	25 1075
2863	9.1	53 28.19	3.7613	0.0026	27 16 36.8	0.571	0.548	90.5	1348 1654 1656	27 948*
2864	8.9	53 33.61	3.7454	0.0026	26 43 58.1	0.564	0.546	78.4	176 351 633 1055	26 1034
2865	9.0	53 44.73	3.7889	0.0026	28 12 9.5	0.547	0.553	82.0	6 obs.[3]	28 979
2866	9.2	5 53 50.09	+3.8507	+0.0026	+30 13 9.9	+0.539	−0.562	85.1	541 1659	*30 1086**
2867	8.8	53 51.28	3.7092	0.0025	25 28 55.1	0.538	0.541	76.5	186 433 546	25 1079
2868	9.1	53 56.86	3.8481	0.0026	30 7 55.9	0.530	0.562	76.5	174 277 736	30 1087*
2869	9.3	54 1.53	3.7125	0.0025	25 35 44.9	0.523	0.541	81.1	5 obs.[4]	25 1080
2870	9.3	54 5.36	3.6950	0.0025	24 59 3.2	0.517	0.539	89.6	1256 1774	24 1065
2871	9.2	5 54 5.54	+3.7133	+0.0025	+25 37 30.1	+0.517	−0.541	80.4	345 899 961	25 1081*
2872	9.1	54 8.00	3.8300	0.0026	29 33 12.5	0.513	0.559	86.2	1254	29 1077*
2873	9.1	54 8.93	3.8437	0.0026	29 59 33.1	0.512	0.561	80.9	547 739 898 959	29 1078
2874	9.0	54 13.55	3.7591	0.0025	27 12 4.8	0.505	0.548	74.5	184 187 283	27 955
2875	9.0	54 16.91	3.7870	0.0025	28 8 10.2	0.500	0.553	75.8	65 276 636	28 982
2876	9.4	5 54 24.21	+3.6892	+0.0024	+24 46 45.1	+0.490	−0.538	88.1	1438	*24 1069*
2877	9.1	54 32.40	3.7672	0.0024	27 28 19.5	0.478	0.549	76.1	187 429 430	27 958
2878	9.3	54 32.77	3.7977	0.0025	28 29 26.3	0.477	0.554	83.6	730 815 896 1617	28 986
2879	9.3	54 40.05	3.7990	0.0025	28 31 47.8	0.467	0.554	87.2	1353	28 987*
2880	8.5	54 40.50	3.7365	0.0024	26 25 37.5	0.466	0.545	74.8	173 176 351	26 1039
2881	9.2	5 54 40.97	+3.8480	+0.0024	+30 7 48.1	+0.465	−0.562	74.8	174 179 349	30 1090*
2882	9.0	54 41.52	3.7890	0.0024	28 12 9.7	0.464	0.553	78.1	276 636 736	28 989
2883	9.1	54 42.80	3.7652	0.0024	27 24 17.8	0.463	0.549	80.2	733 739	27 959
2884	8.6	54 44.89	3.6890	0.0024	24 46 12.9	0.459	0.538	87.5	1354 1355 1441	*24 1071*
2885	9.1	54 52.37	3.7290	0.0024	26 10 1.4	0.449	0.544	76.8	173 431 633	26 1042
2886	7.9	5 55 3.95	+3.8032	+0.0024	+28 40 25.9	+0.432	−0.555	76.5	65 353 735	28 991
2887	9.0	55 4.82	3.8371	0.0024	29 46 41.3	0.431	0.560	80.5	635 637 962	29 1083
2888	9.1	55 4.94	3.8378	0.0024	29 48 5.9	0.431	0.560	83.1	962 964	29 1084*
2889	9.4	55 7.18	3.6929	0.0023	24 54 31.6	0.427	0.539	87.1	1249 1442	24 1072
2890	8.0	55 7.23	3.7208	0.0024	25 53 1.4	0.427	0.543	75.8	170 355 433	25 1089
2891	8.7	5 55 8.25	+3.7148	+0.0024	+25 40 20.0	+0.425	−0.542	75.5	186 345 350	25 1088
2892	9.2	55 16.69	3.7662	0.0023	27 26 16.4	0.413	0.549	75.7	283 352	27 962*
2893	9.2	55 33.20	3.7143	0.0023	25 39 24.1	0.389	0.542	76.1	180 350 546	25 1092
2894	8.7	55 35.03	3.7723	0.0023	27 38 31.1	0.386	0.550	75.4	184 431 896	27 963
2895	9.2	55 38.10	3.8234	0.0023	29 19 56.1	0.382	0.558	79.8	544 730 815	29 1088
2896	9.0	5 55 38.84	+3.6954	+0.0022	+24 59 40.6	+0.381	−0.539	88.2	1255 1552	24 1076
2897	8.9	55 39.63	3.7278	0.0023	26 7 30.2	0.380	0.543	79.7	633 735	26 1044
2898	8.9	55 40.95	3.7323	0.0023	26 16 40.2	0.378	0.544	77.8	176 431 896	26 1045
2899	9.1	55 44.78	3.7107	0.0022	25 31 55.9	0.372	0.541	82.8	899 965 967	25 1095
2900	7.1	55 46.46	3.7395	0.0022	26 31 41.3	0.370	0.545	76.8	173 351 736	26 1046

[1] Z. 184 283 429 430 632 [2] Z. 170 180 186 350 1148 [3] Z. 730 733 815 896 898 1255
[4] Z. 180 899 961 964 966

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2901	8.6	$5^h\ 55^m\ 47^s.56$	+3ˢ.8247	+0ˢ.0022	+29° 22′ 38″.9	+0″.368	−0″.558	81.1	5 obs.[1]	29° 1089
2902	9.4	55 56.61	3.6908	0.0022	24 49 48.5	0.355	0.538	91.2	1615 1618	*24 1078*
2903	8.8	55 57.22	3.7506	0.0022	26 54 16.6	0.354	0.547	85.1	6 obs.[2]	26 1049
2904	8.7	55 57.98	3.7457	0.0022	26 44 17.2	0.353	0.546	86.0	5 obs.[2]	26 1050
2905	8.7	56 5.12	3.8025	0.0022	28 38 47.2	0.342	0.555	79.8	276 739 1059	28 994
2906	8.7	5 56 5.48	+3.7344	+0.0022	+26 21 8.6	+0.342	−0.544	80.4	351 633 959 965	26 1051
2907	7.8	56 9.59	3.7702	0.0022	27 34 17.7	0.336	0.550	76.8	184 187 429 634(2)	27 966
2908	9.0	56 10.56	3.6978	0.0022	25 4 38.4	0.335	0.539	87.6	898 1773	25 1097
2909	8.7	56 16.91	3.8291	0.0022	29 31 13.4	0.325	0.559	78.8	547 635 637	29 1094
2910	8.7	56 19.79	3.6880	0.0022	24 43 57.2	0.321	0.538	87.2	1353	*24 1079*
2911	8.3	5 56 22.26	+3.7920	+0.0022	+28 18 6.6	+0.318	−0.553	82.5	636 1055 1056	28 997
2912	8.9	56 25.03	3.6951	0.0022	24 58 49.0	0.313	0.539	92.1	1438 1888 1889	24 1080
2913	8.7	56 25.36	3.6983	0.0022	25 5 42.3	0.313	0.539	77.6	5 obs.[4]	25 1099
2914	8.5	56 26.86	3.8128	0.0022	28 59 8.2	0.311	0.556	81.1	353 964 1054	28 998
2915	7.0	56 28.45	3.7084	0.0022	25 26 47.2	0.308	0.541	74.8	170 180 355	25 1100
2916	8.5	5 56 59.63	+3.7009	+0.0021	+25 10 58.6	+0.263	−0.540	79.5	546 735 739	25 1105
2917	9.5	57 0.49	3.8282	0.0021	29 29 14.8	0.262	0.558	74.1	179	— —
2918	9.0	57 1.87	3.8229	0.0021	29 18 50.5	0.260	0.558	76.1	174 349 544	29 1097
2919	9.0	57 2.96	3.8063	0.0021	28 46 10.8	0.258	0.555	79.6	65 636 736 1249	28 1001
2920	8.9	57 6.54	3.7540	0.0021	27 1 17.0	0.253	0.547	76.1	184 429 430	27 968
2921	8.7	5 57 7.95	+3.8524	+0.0021	+30 15 55.0	+0.251	−0.562	87.7	1354 1442	*30 1102*
2922	8.6	57 14.70	3.7265	0.0021	26 4 38.9	0.241	0.543	77.9	173 176 431 1255	26 1056
2923	9.5	57 17.34	3.7203	0.0020	25 51 43.1	0.237	0.542	77.5	180 433 815	25 1106
2924	9.5	57 17.92	3.7060	0.0020	25 21 55.1	0.236	0.540	80.4	170 899 1148	25 1107
2925	8.0	57 20.78	3.7187	0.0020	25 48 16.9	0.232	0.542	76.8	186 355 737	25 1108
2926	9.0	5 57 22.88	+3.8149	+0.0020	+29 3 8.2	+0.229	−0.556	77.5	349 541 547	29 1100
2927	8.4	57 23.21	3.7230	0.0020	25 57 19.6	0.229	0.543	81.5	546 962 964	25 1109
2928	9.3	57 29.48	3.8143	0.0020	29 2 4.6	0.220	0.556	85.2	547 1656	29 1101*
2929	9.3	57 34.43	3.8174	0.0020	29 8 1.9	0.213	0.557	90.1	1441 1654	29 1102*
2930	9.4	57 43.97	3.7331	0.0020	26 18 11.8	0.198	0.544	78.4	173 176 896 965	26 1060
2931	9.0	5 58 0.37	+3.8246	+0.0019	+29 22 4.2	+0.175	−0.558	78.6	174 544 637 959	29 1106
2932	9.4	58 0.48	3.7776	0.0019	27 48 53.4	0.175	0.551	76.1	187 429 430	27 972
2933	9.5	58 8.55	3.8156	0.0019	29 4 27.2	0.162	0.556	90.1	967 1779 1890	29 1108
2934	9.2	58 8.62	3.7418	0.0019	26 36 12.8	0.162	0.545	93.1	1777	26 1066
2935	8.9	58 9.15	3.7410	0.0019	26 34 24.0	0.162	0.545	79.7	633 737	26 1067
2936	7.4	5 58 10.12	+3.8115	+0.0019	+28 56 28.4	+0.160	−0.556	75.1	178 276 353	28 1008
2937	9.0	58 11.78	3.8462	0.0019	30 4 9.3	0.158	0.561	93.1	1774 1775	30 1108
2938	8.8	58 16.36	3.8220	0.0018	29 16 59.1	0.151	0.557	77.1	179 544 635	29 1109
2939	9.1	58 18.72	3.7039	0.0019	25 17 21.7	0.148	0.540	74.8	180 186 345	25 1115
2940	7.6	58 19.73	3.8166	0.0019	29 6 19.9	0.146	0.557	83.2	6 obs.[5]	29 1111
2941	9.4	5 58 22.67	+3.7062	+0.0019	+25 22 12.7	+0.142	−0.541	79.6	170 1149	25 1116
2942	8.6	58 23.00	3.7813	0.0019	27 56 30.1	0.142	0.552	78.8	184 634 965	27 975
2943	6.0	58 23.82	3.8292	0.0018	29 31 11.0	0.140	0.559	77.8	349 541 637	29 1112
2944	9.0	58 25.00	3.7251	0.0019	26 1 44.2	0.139	0.543	83.8	431 1054 1150 1438	26 1070
2945	9.3	58 31.06	3.7743	0.0018	27 42 15.2	0.130	0.550	84.7	896 1058 1151 1353	27 978
2946	7.6	5 58 36.57	+3.7398	+0.0018	+26 31 59.8	+0.122	−0.545	79.8	351 633 1056	26 1074
2947	8.5	58 39.61	3.7553	0.0018	27 3 48.0	0.117	0.547	77.9	187 283 1060	27 979
2948	9.4	58 45.12	3.7724	0.0018	27 38 31.6	0.109	0.550	85.2	1055 1155 1255	27 982
2949	9.2	58 48.37	3.7341	0.0018	26 20 14.8	0.105	0.544	83.5	739 1152 1154	26 1075
2950	9.5	58 54.64	3.7449	0.0018	26 42 27.4	0.095	0.546	78.1	173 899	26 1076

[1] Z. 174 277 541 1348 1619
[2] » 901 967 1056 1350 1351 1352
[3] Z. 1054 1055 1058 1256 1616
[4] » 186 433 733 898 1058
[5] Z. 635 730 815 962 1059 1619

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
2951	9.5	$5^h\ 58^m\ 58^s.79$	+3ˢ.7999	+0ˢ.0017	+28° 33′ 30″.1	+0″.089	−0″.554	79.8	65 964 967	28° 1010
2952	9.1	59 0.29	3.7896	0.0018	28 13 0.0	0.087	0.553	78.5	276 736 737	28 1011
2953	8.6	59 2.19	3.6888	0.0018	24 45 35.6	0.084	0.538	86.6	1249 1354	*24 1092*
2954	9.3	59 4.32	3.7117	0.0018	25 33 44.3	0.081	0.541	84.8	546 1058 1659	25 1120
2955	7.5	59 14.64	3.7441	0.0018	26 40 49.9	0.066	0.546	76.6	351 431	26 1079
2956	9.2	5 59 19.11	+3.7386	+0.0018	+26 29 39.2	+0.060	−0.545	86.2	1252	26 1080*
2957	7.0	59 32.00	3.7445	0.0018	26 41 33.1	0.041	0.546	84.6	351 1773	26 1082
2958	8.6	59 40.37	3.7108	0.0017	25 31 48.8	0.029	0.541	74.1	170 180 186	25 1121
2959	9.0	59 45.05	3.7977	0.0016	28 29 0.2	0.022	0.554	76.2	65 358 636	28 1015
2960	8.5	59 47.43	3.7792	0.0016	27 52 15.2	0.018	0.551	75.2	184 187 283 429	27 991
2961	9.5	5 59 47.45	+3.8478	+0.0016	+30 7 6.0	+0.018	−0.562	74.1	174 179	30 1116*
2962	9.0	59 50.14	3.7869	0.0016	28 7 32.6	0.014	0.553	79.5	178 276 1515	28 1016
2963	9.5	59 52.17	3.6923	0.0016	24 53 3.5	0.011	0.539	94.1	1889 1891	24 1100
2964	8.5	59 55.29	3.7372	0.0016	26 26 38.6	0.007	0.545	80.1	176 1251	26 1086
2965	8.9	59 56.78	3.8125	0.0016	28 58 21.1	0.005	0.556	92.6	1616 1893	28 1018
2966	8.9	5 59 57.86	+3.8125	+0.0016	+28 58 24.4	+0.003	−0.556	93.1	1776	
2967	8.1	6 0 8.02	3.7665	0.0016	27 26 36.7	−0.012	0.549	75.1	184 187 430	27 994
2968	8.7	0 8.36	3.8154	0.0016	29 4 15.4	−0.012	0.556	85.7	544 1782	29 1119
2969	9.5	0 9.40	3.8448	0.0016	30 1 27.7	−0.014	0.561	82.2	899	30 1118*
2970	8.0	0 10.50	3.7317	0.0016	26 24 44.4	−0.015	0.545	79.8	633 730 736	26 1088
2971	9.4	6 0 14.78	+3.7883	+0.0016	+28 10 20.9	−0.021	−0.553	81.6	815 896	28 1020
2972	8.0	0 15.99	3.7090	0.0016	25 28 9.1	0.023	0.541	89.7	1253 1780	25 1125
2973	8.5	0 16.16	3.7225	0.0016	25 56 14.7	0.023	0.543	74.9	170 180 186 433	25 1124
2974	9.0	0 26.22	3.7393	0.0016	26 31 0.3	0.038	0.545	80.9	431 737 959 964	26 1090
2975	8.8	0 27.19	3.8130	0.0015	28 59 24.2	0.040	0.556	83.4	7 obs.	28 1021
2976	8.9	6 0 28.69	+3.6934	+0.0016	+24 55 16.9	−0.042	−0.539	86.2	1254 1256	24 1109
2977	9.3	0 30.94	3.7634	0.0015	27 20 16.6	0.045	0.549	82.1	6 obs.[1]	27 997
2978	9.3	0 33.06	3.7633	0.0015	27 19 57.1	0.048	0.549	88.5	634 1783 1785	27 999
2979	9.0	0 37.82	3.8143	0.0015	29 1 56.8	0.055	0.556	79.2	179 547 637 1151	29 1121
2980	8.2	0 42.96	3.7237	0.0015	25 58 50.5	0.063	0.543	77.2	350 433 546	25 1128
2981	8.8	6 0 43.27	+3.7386	+0.0015	+26 30 30.9	−0.063	−0.545	93.2	1781 1784	26 1094
2982	8.5	0 48.62	3.8398	0.0014	29 51 41.7	0.071	0.560	83.1	544 730 1619	29 1123
2983	8.6	0 55.41	3.7149	0.0015	25 40 18.1	0.081	0.542	80.1	345 355 965	25 1130
2984	9.3	0 59.56	3.7397	0.0014	26 31 51.1	0.087	0.545	81.7	739 967	26 1097*
2985	7.6	1 3.54	3.7146	0.0014	25 39 43.3	0.093	0.542	82.2	355 1054 1059 1060	25 1131
2986	8.9	6 1 7.94	+3.8062	+0.0014	+28 45 53.2	−0.099	−0.555	74.5	65 178 358	28 1024
2987	9.1	1 8.53	3.8310	0.0014	29 34 29.3	0.100	0.558	81.8	541 899 1152	29 1125
2988	8.9	1 12.46	3.8455	0.0014	30 2 43.2	0.106	0.560	85.8	1055 1255 1354	30 1127
2989	9.0	1 13.87	3.7378	0.0015	26 27 47.9	0.108	0.545	81.3	5 obs.[2]	26 1099
2990	9.5	1 18.12	3.7143	0.0014	25 40 49.4	0.114	0.542	94.1	1894 1898	25 1132
2991	8.2	6 1 18.51	+3.7108	+0.0014	+25 31 43.2	−0.114	−0.541	74.8	170 180 350	25 1133
2992	9.5	1 27.11	3.7148	0.0014	25 40 10.8	0.128	0.542	94.1	1896	— —
2993	8.5	1 27.52	3.8171	0.0013	29 7 28.8	0.128	0.556	75.9	170 179 349 637	29 1126
2994	8.0	1 36.61	3.7597	0.0013	27 12 38.0	0.141	0.548	75.6	184 187 429 430	27 1006
2995	7.8	1 37.34	3.8037	0.0013	28 40 58.1	0.142	0.555	77.2	353 358 636	28 1026
2996	8.8	6 1 44.29	+3.7944	+0.0013	+28 22 39.9	−0.152	−0.553	82.8	737 962 1159	28 1027
2997	8.0	1 46.01	3.8212	0.0012	29 15 25.5	0.155	0.557	78.4	174 349 547 1150	29 1128
2998	9.5	1 48.42	3.7156	0.0013	25 41 40.8	0.158	0.542	75.1	186 345	— —
2999	9.1	1 48.83	3.7392	0.0013	26 30 52.5	0.159	0.545	79.6	173 1153	26 1104
3000	9.2	1 48.84	3.8208	0.0012	29 14 50.4	0.159	0.557	78.1	541 547	29 1129

[1] Z. 283 634 965 1148 1149 1150

[2] Z. 173 351 815 896 1782

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3001	8.2	6h 1m 50s.63	+3s.7956	+0s.0013	+28° 24′ 56″.1	−0″.161	−0″.553	82.5	736 962 1061	28° 1028
3002	9.0[1]	1 59.05	3.8019	0.0012	28 37 26.5	0.174	0.554	74.1	178	28 1029*
3003	8.5	2 7.19	3.8245	0.0012	29 21 55.9	0.185	0.557	81.7	637 1056	29 1131
3004	8.4	2 10.75	3.8456	0.0012	30 2 51.6	0.191	0.560	84.5	1055 1059 1151	30 1132
3005	8.6	2 23.94	3.7373	0.0013	26 26 49.1	0.210	0.545	75.1	176 351	26 1110
3006	8.6	6 2 28.06	+3.7394	+0.0013	+26 31 13.5	−0.216	−0.545	82.8	6 obs.[2]	26 1111
3007	9.3	2 29.44	3.6976	0.0013	25 4 1.0	0.218	0.539	75.8	186 350 434	25 1139
3008	9.3[3]	2 30.43	3.7018	0.0013	25 33 55.5	0.219	0.541	82.2	901	25 1140*
3009	9.0	2 32.00	3.8020	0.0011	28 37 42.6	0.222	0.554	77.1	276 636	28 1031
3010	9.1	2 34.17	3.7353	0.0012	26 23 5.3	0.225	0.545	81.1	176 733 1148 1149	26 1113
3011	9.5	6 2 34.42	+3.7104	+0.0012	+25 31 9.1	−0.225	−0.541	80.2	180 1256	25 1142
3012	8.5	2 35.10	3.8267	0.0011	29 26 9.9	0.226	0.558	77.1	179 544 635	29 1133
3013	9.3	2 44.25	3.7532	0.0012	26 59 35.3	0.239	0.547	80.2	736 737 739	26 1114
3014	8.6	2 49.84	3.7379	0.0012	26 28 9.2	0.248	0.545	79.7	5 obs.[4]	26 1116
3015	7.4[5]	3 7.52	3.7253	0.0012	26 2 10.4	0.273	0.543	83.2	5 obs.[6]	26 1117
3016	9.2	6 3 12.93	+3.8417	+0.0010	+29 55 21.5	−0.281	−0.560	77.1	174 541 637	29 1136
3017	9.5	3 17.68	3.8158	0.0010	29 4 56.8	0.288	0.556	80.8	547 815 965	29 1137
3018	7.5	3 18.70	3.8106	0.0010	28 54 46.1	0.290	0.556	74.5	65 178 353	28 1036
3019	8.4	3 23.39	3.6929	0.0012	24 54 15.8	0.297	0.539	81.5	5 obs.[7]	24 1148
3020	9.0	3 24.19	3.7231	0.0011	25 57 27.4	0.298	0.543	82.3	7 obs.	25 1147
3021	9.5	6 3 29.54	+3.7106	+0.0012	+25 31 29.1	−0.308	−0.541	74.1	170	25 1150*
3022	9.0	3 41.55	3.7120	0.0011	25 34 38.5	0.323	0.541	75.2	186 355	25 1151
3023	9.0	3 42.94	3.7562	0.0010	27 5 43.3	0.325	0.547	74.5	184 187 283	27 1012
3024	9.1	3 44.82	3.7018	0.0011	25 13 9.7	0.328	0.540	86.7	1254 1354	25 1152*
3025	8.5	3 44.97	3.8069	0.0009	28 47 31.7	0.328	0.555	75.8	276 353 358	28 1038
3026	7.8	6 3 48.74	+3.8349	+0.0009	+29 42 14.5	−0.334	−0.559	76.1	179 349 544	29 1138
3027	8.8	3 49.62	3.7382	0.0010	26 29 1.0	0.335	0.545	79.9	173 351 739 1515	26 1120
3028	8.1	3 52.45	3.6965	0.0011	25 2 2.2	0.339	0.539	81.5	433 961 1059	25 1153
3029	8.4	3 53.04	3.7449	0.0010	26 42 32.0	0.340	0.546	78.8	431 633 737	26 1122
3030	8.9	3 56.40	3.7373	0.0010	26 27 4.6	0.345	0.545	80.5	176 959 1056	26 1123
3031	8.2	6 3 57.30	+3.7580	+0.0010	+27 9 26.8	−0.346	−0.548	76.5	283 429 430	27 1013
3032	9.5	3 58.51	3.7112	0.0010	25 32 57.7	0.348	0.541	74.1	170	— —
3033	8.7	3 59.32	3.7245	0.0010	26 0 33.4	0.349	0.543	80.1	730 735 741	26 1125
3034	8.9	3 59.94	3.7374	0.0010	26 27 20.0	0.350	0.545	83.6	959 1056	26 1126
3035	9.0[8]	4 2.24	3.8425	0.0009	29 57 5.2	0.353	0.560	85.1	1148	29 1139*
3036	7.6	6 4 6.93	+3.8290	+0.0009	+29 31 0.7	−0.360	−0.558	79.5	635 637 733	29 1140
3037	8.6	4 15.63	3.7384	0.0010	26 29 28.3	0.373	0.545	83.1	5 obs.[9]	26 1127
3038	9.5	4 26.10	3.8057	0.0009	28 45 6.8	0.388	0.555	73.2	65	28 1040*
3039	9.2	4 28.83	3.7681	0.0009	27 30 7.8	0.392	0.549	83.7	184 1781	27 1017
3040	9.1	4 32.40	3.8417	0.0008	29 55 36.6	0.397	0.560	81.5	544 962 966	29 1144
3041	8.8	6 4 49.37	+3.6942	+0.0009	+24 57 12.0	−0.422	−0.538	82.5	186 907 1615	24 1159
3042	8.9	4 53.57	3.8259	0.0008	29 24 52.6	0.428	0.558	82.8	637 1058 1155	29 1145
3043	8.7	4 57.51	3.8362	0.0007	29 45 6.6	0.434	0.559	81.6	541 1152	29 1146
3044	8.5	4 58.27	3.7161	0.0009	25 43 14.2	0.435	0.542	88.7	1252 1616	25 1159
3045	9.4	4 58.74	3.7474	0.0008	26 47 56.9	0.436	0.546	87.1	1256 1440	26 1133
3046	9.2	6 5 7.54	+3.7145	+0.0009	+25 39 41.6	−0.448	−0.541	90.2	1353 1780	25 1160
3047	8.5	5 9.82	3.7669	0.0008	27 27 37.5	0.452	0.549	82.2	739 741 965 1154	27 1019
3048	8.2	5 19.73	3.8151	0.0008	29 3 45.6	0.466	0.556	80.9	544 637 906 1061	29 1147
3049	9.4	5 19.94	3.7105	0.0009	25 31 24.5	0.467	0.541	75.1	170 355	25 1161
3050	8.4	5 38.91	3.7064	0.0008	25 22 53.7	0.494	0.540	81.9	350 962 1056 1060	25 1163

[1] BD 9.4
[2] Z. 633 896 964 965 1060 1155
[3] BD 9.5
[4] Z. 173 351 431 730 1616
[5] Very red star. Birmingham 135
[6] Z. 735 741 1060 1154 1249
[7] Z. 345 350 906 907 1619
[8] BD 9.3
[9] Z. 633 898 1055 1149 1150

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3051	9.0	6h 5m 42.12	+3.7591	+0.0007	+27° 11′ 52.6	−0.499	−0.548	83.2	898 1059	27° 1024
3052	9.0	5 43.51	3.7382	0.0008	26 29 7.5	0.501	0.545	79.7	633 737	26 1139
3053	9.0	5 43.74	3.7158	0.0008	25 42 40.1	0.501	0.541	86.2	1055 1441	25 1164
3054	9.2	5 45.33	3.7945	0.0006	28 23 9.5	0.503	0.553	84.2	964 1159	28 1048
3055	9.5	5 53.94	3.7966	0.0006	28 27 30.4	0.516	0.553	88.2	965 1783	28 1049
3056	9.0	6 6 22.40	+3.8000	+0.0005	+28 44 12.0	−0.557	−0.555	89.1	1150 1782	28 1051
3057	8.7	6 30.05	3.7847	0.0005	28 3 37.6	0.569	0.551	88.7	1058 1776	28 1052
3058	8.2	6 44.31	3.7722	0.0005	27 38 47.6	0.589	0.550	83.2	907 962 1061	27 1028
3059	9.1	6 54.43	3.7652	0.0005	27 24 23.3	0.604	0.549	85.1	1148 1149	27 1029*
3060	9.0	7 1.20	3.7649	0.0005	27 23 45.8	0.614	0.549	84.1	965 1151	27 1030
3061	8.2	6 7 5.44	+3.7035	+0.0006	+25 16 52.3	−0.620	−0.539	82.5	737 906 1154	25 1174
3062	8.8	7 7.67	3.7805	0.0005	27 55 29.6	0.624	0.551	84.7	1056 1155	27 1032
3063	8.8	7 9.93	3.8121	0.0004	28 58 10.4	0.627	0.555	87.1	898 1152 1889	28 1053
3064	8.3	7 11.70	3.8226	0.0004	29 18 51.4	0.630	0.557	80.5	544 637 1059	29 1153
3065	9.1	7 25.29	3.7096	0.0006	25 29 57.5	0.649	0.540	84.7	1058 1158	25 1177
3066	8.5	6 7 27.44	+3.8211	+0.0004	+29 15 55.2	−0.652	−0.556	88.7	1060 1781	29 1155
3067	9.0	7 28.06	3.7444	0.0005	26 41 58.3	0.653	0.545	81.2	633 964	26 1148
3068	8.7	7 33.67	3.8131	0.0003	29 0 19.2	0.661	0.555	79.8	544 637 907	29 1158
3069	9.2	7 34.90	3.8459	0.0003	30 4 13.7	0.663	0.560	90.2	1353 1784	30 1165
3070	7.5	7 41.61	3.7058	0.0005	25 22 7.1	0.673	0.540	82.2	737 1061	25 1180
3071	9.3	6 7 59.46	+3.7607	+0.0004	+27 15 37.8	−0.699	−0.548	93.2	1783	27 1035*
3072	9.4	8 1.87	3.7093	0.0005	25 29 39.7	0.703	0.540	94.1	1890 1891	25 1184
3073	8.0	8 2.36	3.7797	0.0004	27 53 55.6	0.703	0.551	85.8	962 965 1615	27 1036
3074	9.1	8 4.38	3.8441	0.0002	30 0 49.1	0.706	0.560	88.2	1441	30 1169*
3075	8.5	8 5.49	3.7371	0.0004	26 27 12.8	0.708	0.544	87.7	898 1784	26 1150
3076	9.4	6 8 8.16	+3.7125	+0.0004	+25 36 14.0	−0.712	−0.540	88.6	964 1893	25 1185
3077	8.0[1]	8 9.92	3.7899	0.0004	28 14 18.6	0.714	0.552	87.7	1060 1619	28 1058
3078	7.0	8 19.65	3.8480	0.0002	30 8 26.3	0.728	0.561	84.6	1058 1150	30 1172
3079	9.0	8 20.36	3.7898	0.0004	28 14 13.7	0.730	0.552	93.6	1780 1894	28 1059
3080	9.2	8 22.33	3.8385	0.0002	29 50 6.3	0.732	0.559	95.1	1929 1931 1933	29 1160
3081	8.8	6 8 25.04	+3.7918	+0.0003	+28 18 20.8	−0.736	−0.552	88.7	1056 1782	28 1060
3082	7.5	8 26.19	3.8095	0.0002	28 53 24.8	0.738	0.555	82.2	636 1154	28 1062
3083	9.0	8 28.68	3.8354	0.0001	29 44 4.3	0.742	0.559	88.6	1055 1777	29 1161
3084	9.5	8 32.46	3.8372	0.0001	29 47 31.8	0.747	0.559	93.2	1785	29 1162*
3085	8.9	8 32.66	3.7457	0.0003	26 44 59.6	0.747	0.545	76.5	176 351 633	26 1151
3086	9.3	6 8 39.26	+3.7607	+0.0003	+27 15 48.0	−0.757	−0.547	84.2	184 1896	27 1040
3087	9.5	8 44.46	3.7299	0.0003	26 12 39.1	0.765	0.543	87.5	173 1897 1898	26 1155
3088	9.5	8 52.52	3.7172	0.0003	25 46 10.1	0.776	0.541	84.1	186 1894	25 1187
3089	8.0	8 53.64	3.8448	0.0000	30 2 33.6	0.778	0.560	80.9	637 733 906 907	30 1177
3090	9.1	8 56.51	3.7025	0.0004	25 15 32.6	0.782	0.539	80.2	433 739 964	25 1188
3091	8.2	6 9 3.90	+3.7393	+0.0002	+26 31 57.7	−0.793	−0.544	79.2	436 737 741	26 1156
3092	8.5	9 6.78	3.8306	0.0000	29 34 58.4	0.797	0.558	81.2	541 635 1254	29 1163
3093	8.5	9 11.57	3.7104	0.0003	25 32 3.0	0.804	0.540	75.4	170 350 355	25 1191
3094	9.0	9 12.87	3.7793	0.0002	27 53 28.3	0.806	0.551	75.8	184 187 634	27 1041
3095	9.4	9 24.91	3.7373	0.0002	26 27 55.8	0.824	0.544	82.2	898 901	26 1160
3096	9.1	6 9 29.99	+3.7626	+0.0002	+27 19 52.3	−0.831	−0.548	79.6	430 896	27 1043
3097	8.9	9 35.32	3.7561	+0.0001	27 6 45.7	0.839	0.547	78.9	187 283 815 1151	27 1045
3098a	7.7	9 48.32	3.8206	−0.0001	29 15 42.5	0.858	0.556	77.2	179 547 635	29 1165
3099	9.1	9 49.19	3.7858	0.0000	28 6 45.6	0.859	0.551	78.8	358 735 737	28 1070
3100	10.0	9 50.56	3.7175	+0.0001	25 47 2.8	0.861	0.541	74.1	180	— —

[1] Magnitudes marked 8.0 Mar. 14. 1884, 9.0 Feb. 27. 1891; BD 7.8

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3101	9.3	6h 9m 50.97	+3.7594	+0.0001	+27° 13′ 26.2	−0.862	−0.547	75.2	283	27° 1048*
3102	8.6	9 59.58	3.7359	0.0001	26 24 38.6	0.874	0.544	75.1	173 176 431	26 1164
3103	9.1[1]	10 1.81	3.7306	0.0001	26 14 28.4	0.877	0.543	83.8	8 obs.	26 1167
3104	8.8	10 4.15	3.7599	0.0001	27 14 22.4	0.881	0.547	81.2	741 907	27 1049
3105	7.4	10 6.97	3.7839	0.0000	28 2 58.6	0.885	0.551	74.8	65 276 353	28 1071
3106	9.5	6 10 10.91	+3.7284	+0.0001	+26 9 50.9	−0.891	−0.543	85.4	959 1150 1155 1440	26 1168
3107	8.0	10 19.57	3.7376	+0.0001	26 28 41.8	0.903	0.544	79.8	5 obs.[2]	26 1169
3108	9.4	10 25.72	3.7164	+0.0001	25 44 44.1	0.912	0.541	81.5	186 964 1353	25 1199
3109	7.2	10 30.82	3.7602	0.0000	27 15 22.5	0.919	0.547	78.4	184 187 634 1255	27 1054
3110	7.0	10 38.13	3.8379	−0.0002	29 49 38.5	0.930	0.558	75.8	179 277 541	29 1170
3111	9.1	6 10 44.90	+3.7219	0.0000	+25 56 24.1	−0.940	−0.542	76.9	5 obs.[3]	25 1204
3112	9.0	10 46.24	3.7219	0.0000	25 55 29.1	0.942	0.542	87.5	433 1656 1773	25 1205
3113	8.0	10 54.30	3.7853	−0.0001	28 6 2.0	0.954	0.551	76.5	178 358 636	28 1073
3114	7.9	11 0.70	3.7061	+0.0001	25 23 37.6	0.963	0.540	78.6	186 730 733 735	25 1207
3115	8.4	11 2.80	3.7114	0.0000	25 34 38.4	0.966	0.540	76.8	180 355 737	25 1208
3116	8.9	6 11 13.98	+3.8423	−0.0003	+29 58 18.3	−0.982	−0.559	79.4	179 637 901 907	29 1172
3117	8.9	11 15.25	3.8257	0.0003	29 26 2.0	0.984	0.557	79.8	544 637 903	29 1173
3118	9.3	11 16.38	3.7828	0.0002	28 1 12.0	0.986	0.550	83.8	815 896 1441	28 1074
3119	9.3	11 21.12	3.7969	0.0002	28 29 10.2	0.993	0.552	87.7	1354 1444	28 1075
3120	9.3	11 26.03	3.8274	0.0003	29 29 22.5	1.000	0.557	78.7	547 635	29 1175
3121	8.4	6 11 28.00	+3.7536	−0.0001	+27 1 57.4	−1.003	−0.546	77.8	187 430 906	27 1060
3122	8.9	11 28.20	3.7244	0.0000	26 1 43.9	1.003	0.542	79.4	176 351 431 1551	26 1177
3123	9.0	11 28.60	3.7513	0.0001	26 57 25.7	1.004	0.546	79.8	173 633 1254	26 1178
3124	9.2	11 32.17	3.7820	0.0002	27 59 33.7	1.009	0.550	83.2	733 1058 1151	27 1061
3125	8.7	11 41.52	3.7157	0.0001	25 43 53.2	1.023	0.541	77.9	170 433 730 735	25 1213
3126	8.9	6 11 53.02	+3.7319	−0.0001	+26 17 33.9	−1.039	−0.543	78.6	176 431 739 961	26 1179
3127	9.5	11 57.53	3.8015	0.0004	28 38 34.3	1.046	0.553	73.6	65 178	28 1077
3128	8.9	11 58.58	3.7445	0.0002	26 43 39.6	1.047	0.545	80.7	436 1061	26 1181
3129	9.1	12 3.80	3.7579	0.0002	27 11 5.1	1.055	0.547	87.2	741 1252 1619 1620	27 1064
3130	7.0	12 4.47	3.7965	0.0003	28 28 34.5	1.056	0.552	76.7	276 353 358 636	28 1078
3131	7.8	6 12 9.63	+3.6966	−0.0001	+25 3 49.3	−1.064	−0.538	80.8	186 1055 1060	25 1215
3132	8.3	12 14.09	3.7653	0.0002	27 26 2.3	1.070	0.548	75.5	184 283 430	27 1066
3133	8.8	12 16.03	3.8291	0.0005	29 33 4.4	1.073	0.557	79.2	5 obs.[4]	29 1180
3134	9.0	12 16.19	3.7648	0.0002	27 24 51.8	1.073	0.548	86.5	283 1653 1654	— —
3135	8.6	12 25.66	3.7723	0.0003	27 40 23.3	1.087	0.549	83.7	634 906 1056 1515	27 1068
3136	8.9	6 12 27.58	+3.8341	−0.0005	+29 42 47.6	−1.090	−0.558	87.4	898 1155 1615 1616	29 1181
3137	8.6	12 28.40	3.7859	0.0005	28 7 36.9	1.091	0.551	82.7	636 1253	28 1080
3138	9.0	12 34.65	3.7622	0.0004	27 19 57.6	1.100	0.547	89.5	964 1659 1776	27 1069
3139	8.7	12 34.76	3.7724	0.0004	27 40 36.8	1.100	0.549	83.7	906 1152	27 1070
3140	8.7	12 36.75	3.8043	0.0005	28 44 18.2	1.103	0.554	75.1	178 276 353	28 1081
3141	9.1	6 12 42.91	+3.7497	−0.0003	+26 54 26.9	−1.112	−0.546	91.9	1255 1777 1889 1894	26 1184[5]
3142	8.4	12 43.55	3.7414	0.0003	26 37 16.8	1.113	0.544	82.1	5 obs.[6]	26 1185
3143	9.5	12 44.94	3.7441	0.0003	26 42 50.5	1.115	0.545	76.1	351	26 1186*
3144	9.0	12 49.58	3.7014	0.0002	25 14 18.2	1.122	0.538	77.8	180 350 959	25 1222
3145	9.0	12 50.43	3.8313	0.0006	29 37 21.9	1.123	0.557	80.2	544 903	29 1187
3146	7.9	6 12 51.18	+3.7135	−0.0002	+25 39 37.9	−1.124	−0.540	80.5	355 730 1150	25 1223
3147	9.5	12 52.48	3.7188	0.0002	25 50 36.3	1.126	0.541	94.1	1890 1891	25 1224
3148	9.0	12 52.66	3.8126	0.0005	29 0 59.9	1.126	0.555	85.7	739 1618	29 1188
3149	7.3	12 53.91	3.7015	0.0002	25 14 24.3	1.128	0.538	77.8	180 350 959	25 1225
3150	8.9	13 2.29	3.7392	0.0003	26 32 52.3	1.140	0.544	85.2	1157 1158 1159	26 1187

[1] Coarse double, south preceding
[2] Z. 351 436 815 896 898
[3] Z. 170 180 350 735 739
[4] » 277 544 547 901 907
[5] R.A. 1855 for 38.0 read 28.0
[6] Z. 633 736 737 1154 1249

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3151	7.0	$6^h 13^m 6^s.43$	+3ˢ.8250	−0ˢ.0005	+29° 25′ 22″.9	−1″.146	−0″.557	78.8	541 547 733	29° 1189
3152	8.7	13 8.57	3.7162	0.0002	25 45 17.0	1.149	0.541	87.1	1348 1355	25 1226
3153	6.4	13 13.23	3.8303	0.0006	29 35 40.7	1.156	0.557	81.2	544 1058	29 1190
3154	9.3	13 18.23	3.8337	0.0006	29 42 19.2	1.163	0.558	84.2	1060	29 1191*
3155	9.0	13 21.49	3.8214	0.0006	29 18 18.1	1.168	0.556	89.1	1151 1780	29 1192
3156	9.0	6 13 24.65	+3.7372	−0.0004	+26 28 55.9	−1.173	−0.544	81.5	633 901 964	26 1191
3157	9.4	13 28.11	3.8083	0.0006	28 52 33.4	1.178	0.554	74.7	65 358	28 1086
3158	9.1	13 29.05	3.8212	0.0006	29 17 58.8	1.179	0.556	83.9	896 898 1061 1360	29 1193
3159	9.4	13 29.76	3.7116	0.0003	25 35 50.7	1.180	0.540	87.6	1351 1440	25 1228
3160	8.9	13 57.18	3.6963	0.0003	25 3 40.4	1.220	0.537	81.8	736 737 1154	25 1232
3161	9.1	6 14 3.29	+3.7692	−0.0006	+27 34 41.8	−1.229	−0.552	84.9	907 1056 1444	27 1081
3162	7.0	14 3.70	3.8433	0.0008	30 1 8.8	1.230	0.559	84.2	1055 1060	30 1211
3163	9.2	14 4.46	3.7688	0.0006	27 33 47.5	1.231	0.548	90.7	1441 1783	27 1082
3164	9.5	14 5.64	3.8295	0.0008	29 34 23.0	1.233	0.557	84.2	901 1253	29 1196
3165	9.2	14 27.79	3.7289	0.0005	26 12 17.3	1.265	0.542	85.7	1155 1252	26 1198
3166	9.4	6 14 31.79	+3.7581	−0.0006	+27 13 50.0	−1.271	−0.546	94.1	1893 1901	27 1084
3167	7.9	14 32.00	3.8108	0.0008	28 58 5.8	1.271	0.554	77.8	276 353 903	28 1094
3168	8.8	14 33.86	3.7871	0.0007	28 10 45.7	1.274	0.551	87.7	906 1781	28 1095
3169	9.4	14 33.93	3.7592	0.0006	27 14 17.9	1.274	0.546	92.2	1551 1900	27 1086*
3170	8.5	14 35.11	3.7127	0.0005	25 38 30.7	1.276	0.539	88.7	1058 1784	25 1236
3171	9.2	6 14 36.06	+3.6985	−0.0004	+25 8 21.6	−1.277	−0.538	89.2	1354 1616	25 1237
3172	9.0	14 37.72	3.7464	0.0006	26 48 17.8	1.279	0.544	86.2	633 1786	26 1200
3173	8.3	14 38.22	3.7440	0.0006	26 43 30.2	1.280	0.544	88.7	1061 1783	26 1201
3174	8.7	14 48.33	3.8422	0.0010	29 59 18.5	1.295	0.559	86·1	544 1891	29 1200
3175	9.1	14 51.09	3.8265	0.0009	29 28 59.6	1.299	0.556	90.6	1353 1895	29 1201
3176	7.5	6 14 55.33	+3.7829	−0.0008	+28 2 37.8	−1.305	−0.550	82.7	636 1254	28 1097
3177	9.0	14 58.42	3.7677	0.0008	27 31 59.8	1.310	0.548	84.2	901 1157 1158	27 1088
3178	7.7	15 5.27	3.8020	0.0009	28 40 46.4	1.319	0.553	84.2	276 1787	28 1099
3179	8.4	15 9.61	3.7667	0.0008	27 30 8.0	1.325	0.548	89.7	1256 1785	27 1089
3180	7.9	15 14.18	3.7753	0.0008	27 47 21.1	1.332	0.549	90.2	1151 1656 1786	27 1090
3181	8.1	6 15 14.36	+3.7245	−0.0006	+26 3 23.2	−1.333	−0.541	84.7	896 1360	26 1204
3182	8.0	15 19.88	3.7592	0.0007	27 14 52.5	1.340	0.546	84.7	1059 1154	27 1091
3183	8.4	15 22.56	3.8006	0.0009	28 38 9.0	1.344	0.552	80.7	636 907	28 1100
3184	9.5	15 23.41	3.6984	0.0006	25 8 42.0	1.346	0.537	94.1	1893	25 1241*
3185	8.9	15 24.65	3.8445	0.0011	30 4 4.2	1.348	0.559	88.6	959 1890	30 1216
3186	8.3	6 15 27.52	+3.8060	−0.0009	+28 48 53.5	−1.352	−0.553	79.2	353 903	28 1101
3187	9.4	15 30.53	3.8246	0.0010	29 25 54.0	1.357	0.557	94.1	1896 1898	29 1205
3188	9.5	15 33.58	3.8130	0.0010	29 2 52.8	1.361	0.554	82.1	898	29 1206*
3189	8.9	15 37.23	3.8131	0.0010	29 3 6.6	1.366	0.554	81.2	737 898	29 1208
3190	9.3	15 37.88	3.6988	0.0006	25 9 39.0	1.367	0.538	94.1	1896 1897 1898 1899	25 1244
3191	9.0	6 15 39.24	+3.8359	−0.0010	+29 47 40.0	−1.369	−0.557	88.7	1056 1784	29 1209
3192	7.8	15 40.84	3.7572	0.0008	27 10 38.0	1.371	0.546	85.1	1055 1249	27 1092
3193	8.7	15 48.24	3.7471	0.0008	26 50 21.5	1.382	0.544	80.8	736 737 906	26 1205
3194	8.9	15 55.86	3.8125	0.0010	29 2 6.2	1.393	0.554	79.1	1155 1777	29 1210
3195	8.5	16 3.58	3.7272	0.0007	26 9 23.6	1.404	0.542	84.2	1058 1061	26 1206
3196	8.7	6 16 9.87	+3.7030	−0.0006	+25 18 43.0	−1.414	−0.538	86.2	1251 1252	25 1249
3197	8.3	16 20.62	3.7077	0.0007	25 28 41.3	1.429	0.539	90.1	1351 1782	25 1251
3198	9.5	16 31.36	3.7985	0.0011	28 34 19.7	1.445	0.552	88.1	896 1889	28 1105
3199	9.4	16 36.32	3.7298	0.0008	26 15 19.1	1.451	0.542	86.2	633 1783	26 1210
3200	8.6	16 47.81	3.8453	0.0013	30 6 9.1	1.469	0.558	89.7	1253 1781	30 1219

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
3201	9.3[1]	6h 16m 51s.91	+3s.6889	−0s.0008	+24° 49′ 23″.3	−1″.474	−0″.536	86.7	1254 1353	24° 1251
3202	6.9	16 53.66	3.8349	0.0013	29 46 15.2	1.477	0.557	75.8	179 284 544	29 1213
3203	9.1	16 54.66	3.8041	0.0012	28 45 41.8	1.478	0.553	76.5	178 358 636	28 1108
3204	6.5	17 1.71	3.6972	0.0008	25 6 43.8	1.489	0.537	78.5	186 433 1059	25 1255
3205	7.7	17 6.61	3.7840	0.0011	28 5 45.5	1.496	0.549	80.2	353 733 741 1060	28 1109
3206	9.5	6 17 6.67	+3.7101	−0.0009	+25 34 3.8	−1.496	−0.539	85.1	1152	25 1256
3207	9.5	17 8.18	3.7096	0.0009	25 33 10.9	1.498	0.539	94.8	1893 1931 1933 1936	25 1257*
3208	8.7	17 10.53	3.8002	0.0012	28 37 58.6	1.501	0.552	83.1	735 1249	28 1110
3209	9.5	17 12.51	3.8180	0.0013	29 13 15.5	1.504	0.555	83.1	959	— —
3210	9.5	17 20.02	3.8374	0.0013	29 51 22.4	1.515	0.557	90.1	1256 1891	29 1215
3211	9.1	6 17 21.60	+3.7884	−0.0012	+28 14 36.3	−1.518	−0.550	82.9	901 907 1058	28 1112
3212	8.9	17 28.45	3.8307	0.0014	29 38 15.0	1.527	0.556	79.8	544 637 903	29 1217
3213	9.1	17 29.28	3.8012	0.0013	28 40 11.4	1.529	0.552	82.2	636 898 906 1154	28 1113
3214	9.4	17 30.14	3.7128	0.0009	25 40 2.4	1.530	0.539	76.2	180 186 739	25 1260
3215	9.0	17 30.93	3.7258	0.0010	26 7 3.9	1.531	0.541	75.8	176 351 436	26 1215
3216	9.1	6 18 7.79	+3.7088	−0.0010	+25 31 48.1	−1.585	−0.538	86.5	1252 1255 1354	25 1269
3217	8.8	18 20.05	3.7537	0.0012	27 4 58.1	1.603	0.545	75.2	184 187 283 430	27 1102
3218	9.2	18 21.55	3.7058	0.0010	25 25 34.7	1.605	0.538	77.1	170 433 737	25 1270
3219	8.7	18 21.66	3.8324	0.0015	29 41 53.9	1.605	0.556	79.7	547 635 730 815	29 1221
3220	8.9	18 22.55	3.7120	0.0010	25 38 43.6	1.606	0.539	94.8	1890 1929 1934 1935	25 1271
3221	8.5	6 18 23.51	+3.7101	−0.0011	+25 34 44.4	−1.608	−0.538	78.1	350 355 546 896	25 1272
3222	9.4	18 24.68	3.8430	0.0016	30 2 41.0	1.609	0.558	77.2	179 544 637	30 1226
3223	9.0	18 29.41	3.7126	0.0011	25 40 4.0	1.616	0.539	87.6	897 901 1777 1780	25 1273
3224	8.5	18 30.83	3.7116	0.0011	25 37 51.1	1.618	0.538	79.5	6 obs.[2]	25 1274
3225	8.9	18 36.67	3.6875	0.0010	24 47 2.9	1.627	0.535	88.2	1253 1552	*24 1263*
3226	8.9	6 18 37.53	+3.7282	−0.0011	+26 12 22.0	−1.628	−0.541	75.8	176 351 431	26 1222
3227	9.1	18 56.13	3.7735	0.0014	27 45 33.4	1.655	0.548	74.2	184	27 1106*
3228	9.0	19 9.55	3.6885	0.0011	24 49 25.2	1.675	0.535	81.8	737 898 961	24 1264
3229	8.8	19 10.47	3.6947	0.0011	25 2 26.7	1.676	0.536	78.7	5 obs.[3]	25 1275
3230	9.0	19 15.27	3.7617	0.0013	27 21 41.0	1.683	0.546	77.1	283 430 634	27 1109
3231	8.7	6 19 16.57	+3.8235	−0.0016	+29 25 7.9	−1.685	−0.555	79.2	541 635 741	29 1226
3232	8.6	19 18.86	3.6935	0.0011	25 1 9.2	1.688	0.536	77.5	180 350 903	25 1276
3233	9.0	19 19.84	3.7863	0.0014	28 11 21.4	1.689	0.550	74.9	65 178 353 358	28 1120
3234	9.1	19 24.77	3.7476	0.0013	26 53 2.0	1.697	0.544	82.5	633 1056 1058	26 1227
3235	9.5	19 25.23	3.8119	0.0016	29 2 26.0	1.697	0.553	87.6	967 1656	— —
3236	9.1	6 19 28.42	+3.7375	−0.0013	+26 32 17.1	−1.702	−0.542	87.2	1353 1359	26 1229*
3237	9.4	19 28.54	3.8110	0.0016	29 0 37.6	1.702	0.553	87.2	1055 1256 1619	29 1227
3238	9.4	19 29.18	3.7533	0.0013	27 4 43.2	1.703	0.544	86.1	5 obs.[4]	27 1110
3239	9.1	19 30.78	3.7434	0.0013	26 44 25.2	1.705	0.543	87.2	1355 1357	26 1230*
3240	8.0	19 31.76	3.8325	0.0017	29 42 48.5	1.707	0.556	77.2	179 547 637	29 1228
3241	9.1	6 19 35.35	+3.7061	−0.0012	+25 26 40.3	−1.712	−0.538	76.7	355 433	25 1278
3242	9.0	19 44.31	3.7222	0.0013	26 0 39.8	1.725	0.540	77.2	431 436	26 1233
3243	9.4	19 48.55	3.7112	0.0013	25 37 50.8	1.732	0.538	78.8	171 739 895	— —
3244	9.2	19 49.53	3.7491	0.0014	26 56 16.6	1.733	0.544	82.1	898	26 1234*
3245	9.3	19 53.79	3.7404	0.0014	26 38 35.5	1.739	0.542	80.7	351 1158	26 1235
3246	9.3	6 20 5.41	+3.7814	−0.0015	+28 1 57.3	−1.756	−0.548	77.7	358 636	28 1124
3247	7.6	20 5.55	3.8201	0.0017	29 18 53.8	1.756	0.554	76.8	277 432 547	29 1231
3248	9.0	20 9.22	3.8009	0.0016	28 41 1.2	1.761	0.551	75.8	65 178 735	28 1125
3249	9.2	20 13.08	3.8452	0.0018	30 7 49.5	1.767	0.557	80.8	541 896 901	30 1237
3250	9.2	20 13.77	3.8320	0.0018	29 42 15.1	1.768	0.556	80.1	730 737	29 1232*

[1] BD 8.8 [2] Z. 186 546 730 733 906 907 [3] Z. 180 350 735 815 903 [4] Z. 187 967 1157 1889 1893

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
3251	9.4	$6^h\ 20^m\ 23^s.43$	+3ˢ.8348	−0ˢ.0019	+29° 47′ 46″.3	−1″.782	−0″.556	82.1	897	— —
3252	9.4	20 31.13	3.7812	0.0016	28 1 55.2	1.793	0.548	83.1	961	— —
3253	9.5	20 33.87	3.8338	0.0019	29 45 56.3	1.797	0.556	76.7	179 637	29° 1233
3254	9.5	20 34.10	3.8047	0.0017	28 48 49.9	1.797	0.551	82.6	178 1618	28 1127*
3255	7.7	20 40.84	3.7716	0.0016	27 42 38.1	1.807	0.546	75.5	184 283 430	27 1117
3256	9.3	6 20 43.58	+3.7507	−0.0015	+27 0 6.8	−1.811	−0.543	79.8	187 741 1152	27 1119
3257	9.0	20 43.61	3.8362	0.0020	29 50 41.6	1.811	0.556	84.7	635 1252 1255 1354	29 1235
3258	9.5	20 53.05	3.7258	0.0015	26 8 48.0	1.825	0.540	76.2	176 431 436	26 1241
3259	9.0	20 54.74	3.7152	0.0015	25 46 41.6	1.827	0.539	74.1	170 180 186(2)	25 1283
3260	9.4	20 55.89	3.8066	0.0018	28 52 48.2	1.829	0.551	83.2	739 1256	28 1130
3261	8.8	6 21 0.62	+3.6986	−0.0013	+25 11 35.9	−1.836	−0.536	83.4	5 obs.[1]	25 1286
3262	8.2	21 1.25	3.7129	0.0014	25 41 47.0	1.837	0.538	79.7	355 546 906 907	25 1287
3263	7.0	21 6.78	3.7520	0.0016	27 2 45.1	1.845	0.543	74.5	184 187 283	27 1122
3264	9.3	21 9.33	3.7803	0.0017	28 0 23.1	1.848	0.548	83.1	961	28 1132*
3265	8.7	21 18.81	3.7535	0.0016	27 5 57.2	1.862	0.543	78.2	187 634 815	27 1124
3266	8.9	6 21 21.12	+3.7724	−0.0017	+27 44 39.8	−1.865	−0.547	83.2	898 1059	27 1125
3267	9.1	21 21.88	3.8319	0.0020	29 42 40.5	1.866	0.555	80.2	541 547 730 1061	29 1239
3268	8.0	21 25.81	3.8272	0.0020	29 33 28.2	1.872	0.555	79.4	178 635 901 903	29 1241
3269	8.7	21 29.15	3.6966	0.0014	25 7 43.3	1.877	0.536	79.5	895 897	25 1289
3270	8.3	21 37.95	3.7041	0.0015	25 23 39.7	1.890	0.537	77.8	350 433 733	25 1292
3271	8.0	6 21 44.06	+3.8058	−0.0019	+28 51 31.0	−1.899	−0.551	75.5	178 353 358	28 1133
3272	9.1	21 45.01	3.8092	0.0020	28 58 18.6	1.900	0.552	77.5	65 636 735	28 1134
3273	8.6	21 53.21	3.7710	0.0018	27 42 14.1	1.912	0.546	80.5	634 741 898	27 1129
3274	9.0	21 53.32	3.7686	0.0018	27 37 20.6	1.912	0.546	79.5	184 430 1357	27 1128
3275	9.5	22 1.13	3.8358	0.0022	29 50 48.7	1.924	0.556	87.1	1249 1440	29 1243
3276	9.4	6 22 5.46	+3.8087	−0.0020	+28 57 31.0	−1.930	−0.552	86.2	739 1654	28 1135*
3277	9.0	22 7.07	3.7073	0.0016	25 30 39.3	1.932	0.537	75.5	170 186 546	25 1297
3278	9.0	22 8.22	3.8288	0.0021	29 36 56.8	1.934	0.555	81.9	432 637 1058 1359	29 1244
3279	9.2	22 9.75	3.6914	0.0015	24 57 3.7	1.936	0.535	86.8	1253 1348 1355	24 1283
3280	8.9	22 21.03	3.7511	0.0018	27 1 46.4	1.953	0.543	77.8	283 430 816	27 1130
3281	6.9	6 22 28.72	+3.7884	−0.0020	+28 17 32.1	−1.964	−0.549	76.2	65 353 358 636	28 1138
3282	9.1	22 34.98	3.7275	0.0017	26 13 25.3	1.973	0.540	75.8	176 351 431	26 1248
3283	9.1	22 36.53	3.7651	0.0019	27 30 41.7	1.975	0.546	80.1	184 815 897 961	27 1133
3284	8.8	22 38.94	3.6991	0.0016	25 13 37.6	1.978	0.536	75.8	180 350 433	25 1299
3285	9.5	22 43.61	3.7232	0.0017	26 4 13.6	1.985	0.539	80.8	633 737 967	26 1250
3286	8.4	6 22 46.51	+3.8376	−0.0023	+29 54 37.5	−1.989	−0.556	77.5	179 547 730	29 1248
3287	9.0	22 47.28	3.7143	0.0017	25 45 48.5	1.991	0.538	82.1	736 906 1056	25 1301
3288	8.4	22 55.50	3.7200	0.0018	25 57 56.3	2.002	0.539	78.8	5 obs.[2]	25 1302
3289	8.0	23 3.59	3.7420	0.0019	26 43 31.2	2.014	0.542	76.8	351 435 436	26 1254
3290	9.3	23 5.22	3.7217	0.0018	26 1 28.1	2.017	0.539	83.8	6 obs.[3]	26 1255
3291	9.3	6 23 9.53	+3.7657	−0.0020	+27 32 3.3	−2.023	−0.545	81.5	739 901 903	27 1136
3292	9.0	23 12.60	3.7068	0.0017	25 30 25.0	2.027	0.537	74.8	170 186 355	25 1304
3293	9.3	23 23.43	3.7653	0.0020	27 31 29.4	2.043	0.545	75.2	283	27 1138*
3294	9.0	23 47.77	3.8195	0.0023	29 20 4.7	2.078	0.553	80.1	541 635 733 963	29 1253
3295	8.1	23 48.95	3.7932	0.0022	28 27 59.1	2.080	0.549	75.7	65 178 353 636	28 1142
3296	8.9	6 23 56.96	+3.8231	−0.0024	+29 26 40.6	−2.092	−0.553	76.9	179 359 547 637	29 1255
3297	9.0	24 2.52	3.6942	0.0018	25 4 0.0	2.100	0.535	78.1	350 736	25 1308
3298	9.0	24 2.54	3.6922	0.0018	24 59 50.7	2.100	0.535	77.7	5 obs.[4]	25 1309
3299	9.0	24 12.35	3.7478	0.0020	26 56 8.8	2.114	0.543	78.4	176 431 737 903	26 1259
3300	8.8	24 24.74	3.8234	0.0025	29 27 59.0	2.132	0.553	75.2	179 284 359	29 1258

[1] Z. 733 1055 1056 1058 1060 [2] Z. 355 733 741 1773 1776 [3] Z. 633 899 967 1252 1255 1256
[4] Z. 180 186 546 735 895

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
3301	9.1	6h 24m 27s.74	+3s.8053	−0s.0024	+28° 52′ 26″.5	−2″.136	−0″.551	76.5	188 358 636	28° 1148
3302	8.2	24 29.55	3.7284	0.0020	26 16 15.8	2.139	0.540	76.8	351 435 436	26 1261
3303	9.4	24 43.72	3.7845	0.0023	28 10 59.1	2.160	0.548	78.8	178 739 897	28 1150
3304	9.0	25 2.07	3.7914	0.0024	28 25 16.5	2.186	0.549	75.5	188 353 358	28 1152
3305	9.1	25 3.13	3.7448	0.0022	26 50 38.1	2.188	0.541	78.9	436 633 741	26 1264
3306	9.3	6 25 4.36	+3.7660	−0.0023	+27 33 45.6	−2.190	−0.545	83.1	961	— —
3307	8.2	25 6.06	3.8240	0.0026	29 29 40.4	2.192	0.553	76.9	284 359 432 637	29 1263
3308	8.0	25 7.31	3.7186	0.0020	25 56 6.0	2.194	0.538	75.4	170 350 355	25 1314
3309	7.5	25 10.38	3.7763	0.0023	27 54 49.8	2.198	0.547	74.5	184 187 283	27 1141
3310	9.1[1]	25 12.33	3.7036	0.0020	25 24 50.9	2.201	0.536	79.7	433 900	25 1315
3311	7.6	6 25 12.59	+3.7840	−0.0023	+28 10 19.3	−2.201	−0.548	77.2	65 178 636 901	28 1154
3312	9.1	25 14.08	3.8013	0.0025	28 45 3.3	2.204	0.550	86.2	1252 1256	28 1153*
3313	9.1	25 25.10	3.7722	0.0024	27 46 44.7	2.220	0.546	76.8	184 430 634	27 1143
3514	8.7	25 26.81	3.7840	0.0024	28 10 27.2	2.222	0.548	79.2	65 901 906	28 1156
3315	8.7	25 27.68	3.7023	0.0020	25 22 9.3	2.223	0.536	78.7	5 obs.[2]	25 1317
3316	8.9	6 25 28.06	+3.7599	−0.0023	+27 21 52.6	−2.224	−0.544	80.2	352 903 907	27 1144
3317	8.7	25 28.63	3.7025	0.0020	25 22 29.1	2.225	0.536	85.4	5 obs.[3]	25 1318
3318	8.2	25 32.71	3.8320	0.0027	29 45 43.0	2.230	0.554	83.7	7 obs.[4]	29 1264
3319	8.6	25 38.47	3.7406	0.0022	26 42 16.2	2.239	0.541	75.8	176 351 431	26 1267
3320	7.9	25 49.10	3.7807	0.0025	28 4 12.3	2.254	0.546	75.9	188 358 434	28 1160
3321	9.4	6 25 55.73	+3.7922	−0.0026	+28 27 27.9	−2.264	−0.548	80.2	736 737	28 1162
3322	8.6	25 59.63	3.8072	0.0027	28 57 20.3	2.270	0.551	79.2	434 733 741	28 1163
3323	9.4	26 0.05	3.8160	0.0027	29 14 46.3	2.270	0.552	76.7	179 635	29 1268*
3324	9.5	26 3.75	3.7656	0.0024	27 33 46.3	2.276	0.544	92.1	1656	— —
3325	9.5	26 5.25	3.7636	0.0024	27 29 42.9	2.278	0.544	87.6	1355 1440	27 1147
3326	8.0	6 26 9.14	+3.7549	−0.0023	+27 8 10.3	−2.283	−0.542	75.5	184 283 430	27 1148
3327	9.4	26 11.37	3.7030	0.0021	25 24 13.0	2.286	0.536	83.2	186 1654	25 1320*
3328	9.3	26 14.56	3.7680	0.0024	27 38 45.8	2.291	0.544	84.2	1055 1056 1059	27 1149
3329	8.9	26 15.76	3.7454	0.0023	26 52 29.9	2.293	0.542	76.4	176 431 435 436	26 1272
3330	9.0	26 16.84	3.7777	0.0025	27 58 30.3	2.294	0.546	81.2	634 899 907	27 1150
3331	9.3	6 26 26.72	+3.7697	−0.0024	+27 42 18.5	−2.309	−0.545	84.2	1058 1059	27 1151
3332	9.3	26 30.80	3.8150	0.0028	29 13 8.7	2.315	0.551	78.7	547 637	29 1271
3333	9.5	26 34.95	3.7703	0.0025	27 42 49.5	2.321	0.545	75.2	283	— —
3334	8.9	26 35.92	3.8238	0.0028	29 30 26.0	2.322	0.552	76.2	284 359 432	29 1272
3335	9.0	26 40.78	3.8062	0.0028	28 55 37.6	2.329	0.550	76.8	188 358 733	28 1166
3336	9.1	6 26 44.26	+3.8406	−0.0030	+30 3 23.9	−2.334	−0.555	86.8	1255 1348 1359	30 1264*
3337	8.7	26 44.81	3.8224	0.0029	29 27 48.1	2.335	0.552	79.9	179 541 735 1360	29 1274
3338	8.9	26 57.17	3.7528	0.0025	27 8 21.6	2.353	0.542	86.9	1251 1252 1353 1441	27 1153
3339	5.0	27 19.78	3.7815	0.0027	28 7 2.3	2.386	0.546	75.5	65 178 636	28 1168
3340	7.6	27 20.26	3.6918	0.0022	25 0 56.9	2.386	0.534	75.8	180 186 350 433 (2)	25 1326
3341	8.4	6 27 21.75	+3.7941	−0.0027	+28 32 14.6	−2.388	−0.548	78.8	353 730 736	28 1170
3342	8.7	27 22.77	3.6837	0.0022	24 43 45.6	2.390	0.533	86.8	5 obs.[5]	*24 1317*
3343	9.0	27 31.70	3.7675	0.0026	27 38 45.7	2.403	0.544	76.6	184 352 430 634	27 1157
3344	8.0	27 47.21	3.7886	0.0028	28 21 36.7	2.425	0.547	77.8	353 434 737	28 1173
3345	9.1	27 50.23	3.7878	0.0028	28 19 59.5	2.430	0.547	78.8	188 737 898	28 1174
3346	8.8	6 27 51.40	+3.7713	−0.0028	+27 46 45.6	−2.432	−0.545	80.2	739 742 744 1657	27 1159
3347	9.3	27 52.27	3.7818	0.0028	28 8 4.3	2.433	0.546	81.2	741 815 903	28 1175
3348	8.9[6]	28 2.80	3.7711	0.0028	27 46 30.3	2.448	0.545	80.2	739	27 1162*
3349	9.2	28 11.67	3.8032	0.0030	28 51 3.5	2.461	0.549	87.6	895 1776	28 1177
3350	9.0	28 18.51	3.7429	0.0026	26 48 53.1	2.471	0.540	76.1	176 351 431 (2)	26 1286

[1] Marked 8.0 mag. Mar 5. 1877
[2] Z. 180 350 735 739 963
[3] Z. 735 963 967 1551 1552
[4] » 541 741 897 1253 (2) 1255 1354
[5] Z. 1254 1256 1356 1357 1358
[6] BD 9.2

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3351	8.6	$6^h\ 28^m\ 21^s.96$	+3ˢ.8329	−0ˢ.0031	+29° 49′ 36″.0	−2ˢ.476	−0ˢ.554	77.7	284 541 547 637	29° 1282
3352	9.4	28 25.12	3.7400	0.0027	26 43 2.6	2.480	0.540	80.2	5 obs.[1]	26 1289
3353	9.0	28 30.62	3.7300	0.0026	26 22 30.5	2.488	0.539	77.8	435 436 633	26 1292
3354	9.1	28 32.57	3.6924	0.0024	25 3 24.7	2.491	0.533	87.5	1355 1361 1440	25 1333*
3355	6.9	28 36.71	3.7593	0.0028	27 22 48.3	2.497	0.543	76.4	66 184 283 963	27 1164
3356	9.4	6 28 46.94	+3.8076	−0.0031	+29 0 13.1	−2.512	−0.550	76.8	178 358 733	28 1179
3357	9.5	28 52.16	3.7142	0.0026	25 49 52.6	2.519	0.536	74.2	186	25 1337*
3358	9.3	28 52.93	3.7587	0.0029	27 21 43.3	2.520	0.542	75.2	283	— —
3359	9.4	29 3.05	3.7115	0.0026	25 44 7.5	2.535	0.536	75.5	180 350 355	25 1338
3360	9.2	29 4.13	3.7492	0.0028	27 2 22.5	2.537	0.541	77.1	184 430 736	27 1167
3361	8.6	6 29 9.11	+3.7723	−0.0030	+27 49 45.7	−2.544	−0.544	81.9	730 735 961 1056	27 1169
3362	9.5	29 11.97	3.8237	0.0032	29 32 29.6	2.548	0.552	76.7	179 637	29 1283
3363	9.5	29 15.00	3.7093	0.0026	25 39 31.7	2.553	0.536	74.1	170 .	— —
3364	9.0	29 21.61	3.8369	0.0034	29 58 11.9	2.562	0.554	76.2	284 359 432	29 1284
3365	9.0	29 29.06	3.8082	0.0032	29 1 57.2	2.573	0.550	80.2	179 901 1058	29 1286
3366	9.1	6 29 29.09	+3.7589	−0.0029	+27 22 35.1	−2.573	−0.543	82.2	815 963	27 1172
3367	8.9	29 29.72	3.7795	0.0031	28 4 37.0	2.574	0.545	86.8	1251 1252 1444	28 1184
3368	9.5	29 34.29	3.7497	0.0029	27 3 48.6	2.580	0.541	86.6	733 1781	27 1173
3369	9.0	29 34.33	3.8380	0.0034	30 0 39.9	2.580	0.554	77.5	359 432 635	30 1278
3370	9.0	29 39.42	3.6995	0.0026	25 19 8.8	2.588	0.534	75.5	170 180 549	25 1342
3371	8.7	6 29 45.23	+3.8243	−0.0034	+29 34 6.2	−2.596	−0.552	80.9	5 obs.[2]	29 1289
3372	6.7	29 47.42	3.6818	0.0026	24 41 33.1	2.599	0.532	87.2	1256 1362 1441	*24 1328*
3373	9.3	29 48.35	3.7929	0.0032	28 31 51.5	2.601	0.547	73.6	65 178	28 1185*
3374	9.5	29 49.94	3.8383	0.0035	30 1 27.3	2.603	0.554	74.2	182	30 1279*
3375	9.2	30 16.91	3.7236	0.0028	26 10 23.4	2.642	0.537	75.8	176 351 436	26 1299
3376	9.5	6 30 17.16	+3.6965	−0.0027	+25 13 20.6	−2.642	−0.534	94.8	1889 1929 1930 1931	25 1349
3377	9.0	30 17.22	3.8329	0.0035	29 51 19.4	2.642	0.554	86.2	637 1776	29 1292
3378	9.3	30 20.15	3.6953	0.0027	25 10 46.3	2.647	0.534	77.2	433	25 1350*
3379	8.7	30 21.84	3.6919	0.0026	24 56 17.2	2.649	0.533	86.9	1255 1356 1357 1358	24 1331
3380	9.5	30 23.02	3.6967	0.0027	25 13 48.2	2.651	0.534	75.2	180 355	25 1351*
3381	6.1	6 30 27.51	+3.8095	−0.0034	+29 5 19.9	−2.657	−0.549	74.8	179 182 359	29 1293
3382	8.7	30 38.56	3.7142	0.0028	25 50 56.6	2.673	0.536	76.8	186 350 733	25 1353
3383	9.0	30 44.04	3.7999	0.0034	28 46 38.4	2.681	0.548	76.6	5 obs.[3]	28 1190
3384	8.0	30 47.54	3.7476	0.0031	27 0 38.3	2.686	0.540	74.9	66 184 283 430	27 1181
3385	8.7	30 53.34	3.7358	0.0030	26 36 18.6	2.695	0.538	77.2	431 435 436	26 1300
3386	8.9	6 30 56.78	+3.7301	−0.0030	+26 24 39.1	−2.699	−0.538	78.8	435 633 736	26 1302
3387	7.4	31 2.41	3.7740	0.0033	27 54 39.3	2.708	0.545	75.5	184 283 430	27 1182
3388	9.1	31 8.29	3.8407	0.0036	30 7 6.2	2.716	0.553	87.2	1353 1359 1361	30 1288*
3389	9.3	31 9.97	3.7121	0.0029	25 47 7.8	2.719	0.535	90.2	1355 1783	25 1356
3390	8.2	31 10.52	3.8323	0.0036	29 50 49.6	2.720	0.552	77.8	6 obs.[4]	29 1297
3391	9.0	6 31 16.85	+3.7088	−0.0029	+25 39 59.0	−2.729	−0.535	76.1	170 433 (2)	25 1357
3392	9.1	31 19.10	3.6853	0.0027	24 50 16.4	2.732	0.531	76.2	186 549	24 1337
3393	9.4	31 40.08	3.7937	0.0035	28 35 3.9	2.762	0.546	75.5	65 358 434	28 1195
3394	6.0	31 40.17	3.7873	0.0035	28 22 15.8	2.762	0.546	74.8	178 188 353	28 1196
3395	8.7	31 41.59	3.7079	0.0029	25 38 31.8	2.764	0.534	76.2	183 549	25 1361
3396	8.7	6 31 41.99	+3.7905	−0.0035	+28 28 38.9	−2.765	−0.546	86.2	1251 1252	28 1198
3397	8.8	31 43.61	3.7249	0.0030	26 14 26.5	2.767	0.537	75.8	176 351 431	26 1306
3398	8.7	31 44.20	3.6948	0.0029	25 10 47.1	2.768	0.533	80.1	5 obs.[5]	25 1362
3399	8.9	31 47.81	3.6945	0.0029	25 10 9.9	2.773	0.533	82.4	815 901 961 963	25 1363
3400	9.0	31 50.42	3.8194	0.0037	29 26 3.2	2.777	0.550	78.8	432 635 736	29 1299

[1] Z. 176 633 815 901 1055
[2] » 730 735 736 737 1056
[3] Z. 178 353 358 434 636
[4] » 278 284 547 635 637 737
[5] Z. 186 733 737 961 963

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3401	8.7	$6^h\ 31^m\ 51^s.10$	+3ˢ.7074	−0ˢ.0030	+25° 37′ 24″.0	−2″.778	−0″.534	76.7	180 183 549 730	25° 1364
3402	6.8	31 51.53	3.6814	0.0029	24 42 19.4	2.779	0.531	86.2	1255 1256	*24 1343*
3403	8.9	31 51.84	3.6925	0.0029	25 6 15.2	2.779	0.532	85.1	1056 1154 1249	25 1365
3404	9.0	32 4.49	3.8266	0.0037	29 40 28.3	2.798	0.551	77.9	284 359 901	29 1300
3405	9.0	32 11.22	3.7324	0.0031	26 30 20.3	2.807	0.538	77.8	435 436 633	26 1308
3406	8.9	6 32 14.26	+3.8062	−0.0036	+29 0 18.1	−2.812	−0.548	79.1	179 637 815 895	29 1302
3407	8.2	32 14.38	3.8452	0.0039	30 16 50.9	2.812	0.554	87.2	1356 1357 1358	*30 1297*
3408	9.2	32 16.97	3.8013	0.0036	28 50 44.7	2.816	0.547	79.7	178 1157	28 1199*
3409	9.1	32 19.32	3.8083	0.0037	29 4 35.7	2.819	0.548	84.7	895 1362	29 1303*
3410	8.7	32 19.70	3.6973	0.0030	25 16 29.2	2.819	0.533	82.2	741 1061	25 1372
3411	9.0	6 32 21.83	+3.7019	−0.0030	+25 26 22.3	−2.823	−0.533	78.2	355 735	25 1371
3412	9.2	32 26.65	3.7997	0.0036	28 47 37.7	2.830	0.547	93.2	1780 1785	28 1200
3413	9.0	32 30.25	3.7280	0.0031	26 21 29.2	2.835	0.537	79.2	351 907	26 1309
3414	9.1	32 30.33	3.7830	0.0035	28 14 13.5	2.835	0.545	79.5	188 636 1151	28 1201
3415	9.0	32 32.01	3.7913	0.0036	28 30 47.3	2.837	0.546	84.2	1058 1059	28 1202
3416	8.8	6 32 32.85	+3.7995	−0.0037	+28 47 15.1	−2.838	−0.547	80.7	353 358 434 1784	28 1203
3417	9.3	32 40.90	3.6985	0.0030	25 19 28.1	2.850	0.532	83.6	170 1782	25 1376
3418	9.2	32 44.99	3.7127	0.0032	25 49 37.4	2.856	0.534	86.6	739 1777	25 1377
3419	8.8	32 45.61	3.6946	0.0030	25 11 17.6	2.857	0.532	83.5	350 1353 1361	25 1378
3420	9.0	33 7.55	3.6837	0.0030	24 48 15.8	2.888	0.530	91.8	1355 1890 1894	*24 1349*
3421	9.5	6 33 10.90	+3.8013	−0.0038	+28 51 32.6	−2.893	−0.547	73.2	65	28 1205*
3422	8.3	33 15.37	3.7404	0.0034	26 47 45.5	2.900	0.538	78.7	436 741	26 1317
3423	8.0	33 17.49	3.7014	0.0031	25 26 11.0	2.903	0.533	78.2	350 355 903	25 1382
3424	7.8	33 20.16	3.8306	0.0040	29 49 38.7	2.907	0.551	75.6	179 182 284 432(2)	29 1307
3425	9.5	33 23.51	3.8298	0.0040	29 48 2.3	2.912	0.551	76.7	179 637	29 1308
3426	8.3	6 33 27.51	+3.8083	−0.0038	+29 4 37.9	−2.917	−0.548	93.2	1783 1784	29 1309
3427	6.5	33 28.29	3.7847	0.0037	28 18 34.3	2.918	0.545	82.2	730 1060	28 1207
3428	8.8	33 31.87	3.6825	0.0030	24 46 8.9	2.924	0.530	86.2	1251 1252	*24 1353*
3429	9.2	33 42.67	3.7429	0.0035	26 53 10.5	2.939	0.539	78.8	351 733 735	26 1320
3430	9.2	33 44.53	3.8397	0.0041	30 7 35.6	2.942	0.553	93.8	1781 1894 1895	30 1302
3431	9.2	6 33 48.14	+3.7878	−0.0038	+28 25 4.4	−2.947	−0.545	79.8	353 736 963	28 1208
3432	8.7	33 49.54	3.7610	0.0036	27 30 33.9	2.949	0.541	74.8	66 184 430	27 1193
3433	7.5	33 54.32	3.7517	0.0035	27 11 44.6	2.956	0.540	83.6	730 961 1154 1249	27 1194
3434	8.5	33 55.84	3.7621	0.0036	27 33 6.8	2.958	0.541	83.2	901 1061	27 1195
3435	9.0	34 7.55	3.7293	0.0034	26 25 23.0	2.975	0.537	85.2	431 1786	26 1322
3436	8.5[1]	6 34 13.36	+3.7537	−0.0036	+27 16 15.7	−2.983	−0.540	84.2	1058 1060	27 1197
3437	9.3	34 17.92	3.7053	0.0033	25 35 11.2	2.990	0.533	83.1	815 1151	25 1389
3438	9.0	34 18.69	3.8018	0.0039	28 53 22.0	2.991	0.547	83.7	895 1152	28 1211
3439	9.0	34 25.58	3.8273	0.0041	29 44 6.2	3.002	0.550	90.9	905 1779 1897 1898	29 1317
3440	7.8	34 29.30	3.7051	0.0033	25 35 6.3	3.007	0.533	81.2	549 1059	25 1392
3441	8.7	6 34 33.56	+3.8215	−0.0041	+29 32 53.1	−3.013	−0.550	84.4	907 1157 1158 1159	29 1319
3442	8.8	34 35.69	3.7021	0.0033	25 28 46.1	3.016	0.532	90.1	1352 1777	25 1393
3443	7.8	34 35.76	3.8198	0.0041	29 29 30.1	3.016	0.549	84.2	1055 1056	29 1320
3444	8.9	34 44.47	3.7618	0.0037	27 33 7.2	3.029	0.541	88.4	815 1058 1891 1896	27 1199
3445	9.0	34 45.25	3.6846	0.0033	24 51 41.9	3.030	0.530	90.1	1353 1776	24 1365
3446	9.4	6 34 48.28	+3.8076	−0.0041	+29 5 35.6	−3.034	−0.547	86.7	737 1783	29 1321
3447	8.6	34 55.66	3.8384	0.0043	30 6 16.3	3.044	0.551	87.2	741 1361 1890	30 1306
3448	9.3	34 59.93	3.7333	0.0036	26 34 37.5	3.051	0.537	80.1	735	26 1331*
3449	9.0[2]	35 5.85	3.7322	0.0036	26 32 13.4	3.059	0.537	81.2	735 901	26 1332
3450	8.6	35 26.79	3.7471	0.0037	27 3 35.8	3.089	0.539	82.2	733 1061	27 1204

[1] BD 9.0 [2] Close double

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3451	9.4	$6^h\ 35^m\ 34^s.57$	+3ˢ.7557	−0ˢ.0038	+27° 21′ 27″.3	−3ˢ.101	−0ˢ.540	90.2	1355 1781	27° 1206
3452	8.5	35 39.47	3.7130	0.0036	25 52 46.1	3.108	0.534	80.2	549 903	25 1397
3453	8.3	35 44.69	3.7900	0.0041	28 31 22.0	3.115	0.545	80.2	353 1060	28 1217
3454	9.5	35 45.07	3.7225	0.0036	26 12 39.6	3.116	0.535	85.1	351 1889	26 1336
3455	9.5	35 49.78	3.8300	0.0044	29 50 45.9	3.123	0.550	77.2	179 736	29 1324
3456	9.2	6 35 59.10	+3.7523	−0.0038	+27 14 56.9	−3.136	−0.539	84.7	905 1362	27 1209
3457	9.1	36 1.44	3.7480	0.0038	27 6 4.2	3.139	0.538	80.1	733 737	27 1211
3458	9.3	36 1.57	3.7612	0.0039	27 33 16.9	3.139	0.540	84.2	1059	27 1210*
3459	9.0	36 11.13	3.7031	0.0035	25 32 23.5	3.152	0.532	82.7	741 1152	25 1405
3460	**3.3**	**36 14.45**	**3.6950**	**0.0035**	**25 15 9.6**	**3.158**	**0.531**		**Fund. Cat.**	**25 1406**
3461	8.2	6 36 22.21	+3.7624	−0.0040	+27 36 5.9	−3.169	−0.540	83.7	903 1151	27 1212
3462	9.0	36 22.76	3.6948	0.0035	25 14 59.7	3.170	0.531	84.2	1055 1056	25 1407
3463	9.0	36 27.30	3.7887	0.0042	28 29 29.9	3.177	0.544	82.2	353 1158 1159	28 1219
3464	9.0	36 36.93	3.7068	0.0037	25 40 32.6	3.190	0.532	80.2	549 901	25 1408
3465	6.0	36 50.16	3.8066	0.0044	29 5 41.0	3.209	0.546	77.1	179 736	29 1327
3466	9.0	6 36 57.90	+3.7231	−0.0038	+26 15 14.5	−3.220	−0.534	78.2	351 741	26 1342
3467	9.0	37 2.45	3.8408	0.0046	30 13 9.5	3.227	0.551	87.2	1352 1361	*30 1316*
3468	9.4	37 10.10	3.8148	0.0045	29 22 12.0	3.239	0.547	80.1	735	29 1329*
3469	9.2	37 15.67	3.8141	0.0045	29 20 54.8	3.246	0.547	86.6	735 1779	29 1330
3470	9.0	37 29.72	3.7861	0.0043	28 15 15.8	3.267	0.542	87.7	905 1776	28 1222
3471	8.4	6 37 30.61	+3.8184	−0.0046	+29 29 37.1	−3.268	−0.548	77.8	179 635 736	29 1332
3472	9.4	37 35.23	3.7765	0.0043	28 5 46.9	3.274	0.542	90.2	1355 1781	28 1223
3473	8.7	37 40.37	3.8237	0.0047	29 40 12.8	3.282	0.549	81.7	637 1061	29 1334
3474	7.8	37 43.67	3.6816	0.0037	24 47 55.2	3.287	0.528	89.7	1362 1663	*24 1386*
3475	7.1	37 44.65	3.7676	0.0043	27 47 56.2	3.288	0.540	78.2	184 737 738	27 1219
3476	8.5	6 37 47.67	+3.7264	−0.0040	+26 22 54.6	−3.292	−0.535	78.9	176 435 733 1058	26 1345
3477	8.3	37 48.77	3.8167	0.0047	29 26 38.4	3.294	0.548	77.2	179 739	29 1336
3478	8.8	37 59.56	3.7417	0.0041	26 55 1.7	3.309	0.537	78.5	351 361 961	26 1346
3479	9.2	38 1.48	3.7109	0.0039	25 50 43.4	3.312	0.532	76.2	355	25 1417*
3480	9.0	38 26.76	3.7931	0.0045	28 40 24.7	3.348	0.544	74.5	65 178 358	28 1228
3481	8.7	6 38 29.69	+3.7714	−0.0044	+27 56 38.5	−3.353	−0.541	79.1	430 733 737	27 1222
3482	8.1	38 35.04	3.8322	0.0049	29 58 7.1	3.360	0.549	76.2	182 359 541	29 1342
3483	9.0	38 43.82	3.7934	0.0046	28 41 13.8	3.373	0.544	76.2	5 obs.[1]	28 1230
3484	9.0	38 45.23	3.7622	0.0042	27 38 0.4	3.375	0.539	75.5	66 184 634	27 1223
3485	9.4	38 50.89	3.7095	0.0040	25 48 25.2	3.383	0.531	73.9	69 170 180 183	25 1422
3486	9.0	6 38 56.22	+3.8027	−0.0047	+29 0 10.2	−3.391	−0.545	74.5	179 182 284	29 1345
3487	8.6	39 21.23	3.7269	0.0042	26 25 40.4	3.427	0.534	75.8	176 361 431	26 1350
3488	8.7	39 24.58	5.7345	0.0043	26 41 29.7	3.431	0.535	76.8	351 435 436	26 1351
3489	8.2	39 28.04	3.7508	0.0044	27 15 26.6	3.436	0.537	75.5	184 283 439	27 1226
3490	8.9	39 35.10	3.6855	0.0039	24 58 2.9	3.447	0.528	75.7	180 183 433(2)	24 1401
3491	9.2	6 39 35.37	+3.7399	−0.0043	+26 52 50.0	−3.447	−0.536	80.2	733 744	26 1353*
3492	8.7	39 40.17	3.7821	0.0047	28 19 37.1	3.454	0.542	74.8	178 188 353	28 1234
3493	8.4	39 42.78	3.7220	0.0042	26 15 42.6	3.457	0.533	76.8	176 431 633	26 1355
3494	7.8	39 45.45	3.8401	0.0051	30 14 50.6	3.461	0.550	86.7	1251 1255 1357 1358	*30 1332*
3495	9.4	39 54.01	3.6956	0.0041	25 20 0.2	3.473	0.529	75.5	180 183 549	25 1431
3496	9.0	6 39 55.04	+3.7098	−0.0042	+25 50 6.6	−3.475	−0.531	74.9	69 186 350 355	25 1433
3497	9.5	39 55.45	3.7584	0.0045	27 31 38.3	3.476	0.538	91.2	1621	27 1229*
3498	9.2	40 2.11	3.7447	0.0044	27 3 13.3	3.485	0.536	77.1	283 430 634	27 1230
3499	9.5	40 3.09	3.7882	0.0048	28 32 9.4	3.487	0.543	73.2	65	28 1236*
3500	9.2	40 10.09	3.7884	0.0048	28 32 43.2	3.497	0.543	82.5	434 636 1620	28 1239

[1] Z. 178 188 358 434 636

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
3501	9.1	6h 40m 17s.22	+3s.7082	−0s.0042	+25° 47′ 9″.0	−3″.507	−0″.531	74.4	69 170 350	25° 1435
3502	8.2	40 21.59	3.8114	0.0050	29 18 59.8	3.513	0.546	78.6	6 obs.[1]	29 1351
3503	8.8	40 22.23	3.7382	0.0044	26 50 11.7	3.514	0.535	77.5	279 435 744	26 1358
3504	8.7	40 23.93	3.7383	0.0044	26 50 24.2	3.517	0.535	77.7	279 744	
3505	9.4	40 41.35	3.8357	0.0053	30 7 55.7	3.542	0.548	87.2	1256 1355 1445	30 1335
3506	9.5	6 40 41.71	+3.7401	−0.0045	+26 54 29.3	−3.542	−0.536	82.1	895	26 1359*
3507	8.7	41 7.03	3.8398	0.0054	30 15 52.0	3.579	0.549	86.8	1253 1352 1359	*30 1336*
3508	9.0	41 9.81	3.7952	0.0050	28 47 32.9	3.582	0.543	80.5	188 733 1360	28 1244
3509	9.4	41 14.89	3.7786	0.0049	28 14 8.8	3.590	0.541	80.2	737 739	28 1245
3510	7.1	41 21.83	3.7520	0.0046	27 19 41.6	3.600	0.537	76.5	184 352 634	27 1236
3511	9.4	6 41 22.08	+3.8033	−0.0051	+29 3 56.9	−3.600	−0.546	74.9	179 182 284 359	29 1355
3512	8.9	41 24.89	3.7723	0.0048	28 1 31.1	3.604	0.540	74.8	65 178 434	28 1246
3513	8.1	41 25.68	3.7917	0.0050	28 40 46.7	3.605	0.543	76.5	188 358 636	28 1247
3514	9.1	41 32.65	3.8118	0.0052	29 21 10.7	3.616	0.545	92.2	1662	29 1357*
3515	8.3	41 48.69	3.7848	0.0050	28 27 22.1	3.638	0.541	84.8	9 obs.	28 1248
3516	9.4	6 41 51.83	+3.7016	−0.0044	+25 34 36.6	−3.643	−0.529	74.8	170 183 355	25 1445
3517	8.7	41 53.91	3.7999	0.0052	28 57 52.2	3.646	0.543	75.5	71 358 434	28 1250
3518	7.3	42 0.67	3.7028	0.0044	25 37 25.9	3.655	0.529	76.4	180 433(2) 440	25 1446
3519	8.6	42 2.97	3.8216	0.0053	29 41 18.4	3.659	0.546	75.5	182 284 432	29 1361
3520	9.0	42 6.43	3.6817	0.0042	24 52 29.4	3.664	0.526	77.5	186 549 737	24 1414
3521	8.3	6 42 14.84	+3.7460	−0.0047	+27 8 33.4	−3.676	−0.535	75.7	6 obs.[2]	27 1240
3522	9.5	42 17.70	3.7767	0.0050	28 11 31.0	3.680	0.540	73.2	65	28 1253*
3523	9.5	42 17.82	3.7773	0.0050	28 12 45.4	3.680	0.540	85.5	353 1551 1555	28 1254
3524	9.2	42 18.04	3.8196	0.0054	29 37 37.6	3.680	0.546	75.2	179 359	29 1364*
3525	9.4	42 19.69	3.7122	0.0045	25 57 50.6	3.683	0.531	73.8	69 180 183	25 1453
3526	9.4	6 42 39.05	+3.8242	−0.0055	+29 47 5.8[3]	−3.711	−0.546	75.2	278	29 1367*
3527	9.5	42 39.75	3.7762	0.0051	28 11 8.7	3.712	0.540	74.1	178	— —
3528	9.4	42 49.17	3.8183	0.0055	29 35 42.9	3.725	0.546	88.8	637 1779 1889	29 1369
3529	9.5	42 51.13	3.8291	0.0056	29 57 47.0	3.728	0.547	83.6	5 obs.[4]	29 1370
3530	9.5	42 52.01	3.7652	0.0050	27 48 58.8	3.729	0.538	80.2	739 742	27 1243
3531	9.5	6 42 53.70	+3.7642	−0.0050	+27 46 44.8	−3.732	−0.538	73.2	66	27 1244*
3532	8.0	43 2.92	3.7254	0.0047	26 26 27.7	3.745	0.532	76.0	7 obs.[5]	26 1370
3533	8.6	43 4.05	3.6864	0.0044	25 3 41.1	3.747	0.526	75.4	170 350 355	25 1458
3534	8.7	43 4.30	3.6962	0.0045	25 24 27.5	3.747	0.528	76.5	186 440 549	25 1459
3535	8.9	43 16.66	3.7138	0.0047	26 2 16.2	3.764	0.530	76.9	279 361 435 633	26 1371
3536	7.2	6 43 17.14	+3.7101	−0.0047	+25 54 33.3	−3.765	−0.530	78.4	5 obs.[6]	25 1460
3537	7.9	43 18.52	3.8303	0.0057	29 59 47.5	3.767	0.547	78.5	432 635 637	30 1345
3538	8.2	43 23.95	3.8087	0.0055	29 17 21.0	3.775	0.544	77.4	182 278 738 744	29 1374
3539	9.2	43 31.57	3.7045	0.0046	25 42 41.6	3.786	0.529	74.8	69 281 350	25 1462
3540	9.5	43 31.67	3.7597	0.0051	27 38 18.3	3.786	0.537	74.2	184	27 1247*
3541	9.0	6 43 34.38	+3.7686	−0.0052	+27 55 33.6	−3.790	−0.538	77.2	283 439 634	27 1248
3542	9.0	43 46.74	3.7354	0.0049	26 48 27.0	3.808	0.533	75.5	176 351 361	26 1373
3543	9.4	44 2.74	3.7089	0.0048	25 52 52.2	3.830	0.529	77.2	180 183 738 741	25 1464
3544	8.9	44 3.18	3.6896	0.0046	25 11 36.9	3.831	0.527	79.9	170 549 733 1360	25 1465
3545	8.7	44 3.82	3.6779	0.0044	24 46 21.2	3.832	0.525	86.8	1255 1352 1359	*24 1427*
3546	9.2	6 44 7.51	+3.7245	−0.0049	+26 25 42.1	−3.837	−0.532	77.2	176 742	26 1374
3547	8.1	44 7.97	3.7279	0.0049	26 32 48.2	3.838	0.532	77.2	190 435 744	26 1375
3548	9.2	44 10.00	3.7075	0.0048	25 50 7.4	3.841	0.529	88.2	1353 1515	25 1467
3549	9.0	44 12.82	3.7923	0.0055	28 45 25.4	3.845	0.541	75.0	6 obs.[7]	28 1260
3550	7.0	44 15.47	3.7067	0.0047	25 48 27.0	3.849	0.529	77.2	186 440 745	25 1469

[1] Z. 179 278 284 359 635 1654
[2] » 66 184 283 430(2) 439
[3] Increased Decl. 5′
[4] Z. 737 816 893 1256 1445
[5] » 176 190 279 431(2) 436(2)
[6] Z. 183 440 733 739 745
[7] » 65 71 178 188 358 636

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3551	9.0	$6^h\,44^m\,16^s.09$	+3ˢ.7601	−0ˢ.0052	+27° 40′ 2″.7	−3ˢ.850	−0ˢ.537	74.2	66 184 283	27° 1250
3552	8.9	44 19.68	3.7225	0.0049	26 21 50.2	3.855	0.531	81.2	633 900 901	26 1376
3553	9.3	44 34.02	3.7256	0.0050	26 27 31.4	3.875	0.532	81.2	816	26 1377*
3554	9.5	44 44.04	3.7333	0.0050	26 44 52.8	3.889	0.532	80.2	351 739 905 907	26 1378
3555	9.5	44 44.78	3.8020	0.0057	29 5 28.7	3.890	0.542	93.6	1781 1890	29 1383
3556	7.7	6 44 44.79	+3.8172	−0.0058	+29 35 36.4	−3.890	−0.544	74.5	179 182 278	29 1382
3557	9.5	44 50.34	3.8017	0.0057	29 4 56.3	3.899	0.542	93.1	1776	29 1384*
3558	9.5	44 52.56	3.8027	0.0057	29 7 7.1	3.902	0.542	79.2	637	29 1385*
3559	9.4	44 57.23	3.8234	0.0059	29 48 18.2	3.908	0.545	77.8	359 432 738	29 1386
3560	8.7	45 0.04	3.7068	0.0049	25 49 28.1	3.912	0.528	78.2	281 433(2) 745 816	25 1476
3561	8.5	6 45 4.82	+3.6869	−0.0047	+25 7 5.0	−3.919	−0.525	74.5	69 180 355	25 1478
3562	7.5	45 11.36	3.7092	0.0049	25 54 45.0	3.929	0.529	75.5	170 183 549	25 1479
3563	8.4	45 12.12	3.7947	0.0057	28 51 30.1	3.930	0.541	73.5	65 71 178	28 1266
3564	8.6	45 20.35	3.7964	0.0057	28 55 2.6	3.941	0.542	76.7	178 358 434 636	28 1267
3565	8.9	45 24.67	3.7799	0.0055	28 21 40.7	3.948	0.539	77.6	5 obs.[1]	28 1268
3566	7.5	6 45 24.71	+3.6963	−0.0048	+25 27 39.8	−3.948	−0.527	78.4	186 281 350 1454	25 1482
3567	8.9	45 27.45	3.8203	0.0059	29 42 51.2	3.951	0.544	74.8	179 182 359	29 1389
3568	8.3	45 41.14	3.8187	0.0060	29 40 5.2	3.971	0.544	77.2	284 635	29 1391
3569	9.5	45 56.77	3.7868	0.0057	28 36 39.7	3.994	0.539	88.2	1444	28 1270*
3570	9.2	46 0.35	3.8201	0.0060	29 43 13.2	3.998	0.544	74.1	179	29 1392*
3571	8.0	6 46 3.80	+3.7847	−0.0057	+28 32 17.3	−4.004	−0.539	80.8	6 obs.[2]	28 1271
3572	9.5	46 11.07	3.6822	0.0048	24 58 6.5	4.014	0.525	74.2	186	24 1436*
3573	9.0	46 12.33	3.6807	0.0048	24 54 52.1	4.016	0.525	87.5	1353 1355 1445	24 1437
3574	9.0	46 18.50	3.7527	0.0054	27 27 25.5	4.025	0.535	76.0	6 obs.[3]	27 1256
3575	8.7	46 30.55	3.8054	0.0060	29 14 32.4	4.042	0.541	85.5	6 obs.[4]	29 1394
3576	9.3	6 46 34.15	+3.7010	−0.0050	+25 38 53.9	−4.047	−0.527	80.7	69 1441	25 1487*
3577	8.9	46 35.29	3.8010	0.0059	29 6 4.5	4.049	0.541	79.2	635 637	29 1395
3578	8.5	46 38.11	3.7570	0.0055	27 36 38.6	4.052	0.535	75.8	184 352 439	27 1258
3579	7.5	46 43.49	3.7303	0.0053	26 40 59.8	4.060	0.531	75.6	176 190 279 431(2)	26 1387
3580	7.8	46 49.19	3.8275	0.0062	29 58 49.7	4.068	0.545	77.4	182 278 738 745	30 1357
3581	9.5	6 46 58.87	+3.7594	−0.0056	+27 41 50.6	−4.082	−0.535	75.8	66 184 733	27 1260
3582	9.4	47 5.43	3.7787	0.0058	28 21 23.1	4.091	0.537	76.0	5 obs.[5]	28 1273
3583	9.3	47 6.35	3.7930	0.0060	28 50 36.3	4.093	0.539	76.2	358	28 1274*
3584	8.8	47 10.18	3.7181	0.0054	26 15 58.7	4.098	0.529	76.4	279 351 361 436(2)	26 1388
3585	9.0	47 21.22	3.7017	0.0051	25 41 19.3	4.114	0.527	74.7	5 obs.[6]	25 1492
3586	9.4	6 47 21.28	+3.6834	−0.0050	+25 2 3.6	−4.114	−0.524	74.2	183	25 1493*
3587	8.5	47 21.47	3.7210	0.0053	26 22 15.0	4.114	0.530	76.8	176 435 633	26 1390
3588	8.7	47 25.12	3.7536	0.0056	27 30 26.0	4.120	0.534	76.2	283 439	27 1264
3589	9.4	47 33.17	3.6841	0.0050	25 3 50.7	4.131	0.523	76.6	281 543	25 1494
3590	9.0	47 33.26	3.7299	0.0054	26 41 16.9	4.131	0.531	79.2	351 733 739 742	26 1392
3591	6.2	6 47 37.48	+3.6971	−0.0052	+25 31 47.7	−4.137	−0.525	76.4	180 355 433 549	25 1496
3592	8.9	47 41.63	3.8083	0.0062	29 21 59.9	4.143	0.541	78.0	182 284 432(2) 1256	29 1400
3593	9.3	47 50.56	3.7913	0.0060	28 48 6.9	4.156	0.539	76.7	188 636	28 1277
3594	9.2	47 57.73	3.7407	0.0056	27 4 20.8	4.166	0.531	80.9	738 744 816 900	27 1268
3595	8.9	47 58.48	3.8036	0.0062	29 12 54.6	4.167	0.541	79.5	635 637 741	29 1402
3596	8.1	6 48 0.01	+3.7503	−0.0057	+27 24 22.0	−4.170	−0.533	77.8	184 634 745	27 1269
3597	9.4	48 7.73	3.7810	0.0059	28 27 33.7	4.181	0.538	81.2	188 1445	28 1278*
3598	7.3	48 7.89	3.7513	0.0057	27 26 33.2	4.181	0.533	76.2	66 352 634	27 1270
3599	8.4	48 11.42	3.8176	0.0063	29 40 59.4	4.186	0.543	77.9	278 359 742 744	29 1403
3600	9.3	48 23.77	3.8238	0.0065	29 53 45.5	4.203	0.544	78.2	182 637 816	29 1404

[1] Z. 71 188 739 742 744
[2] » 178 188 358 1255 1354 1360
[3] Z. 66 283 352 430(2) 439
[4] Z. 741(2) 1352 1359 1515 1518
[5] Z. 65 178 353 434 636
[6] » 69 170 180 350 355

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
3601	9.0	$6^h\ 48^m\ 24^s.13$	$+3^s.8074$	$-0^s.0063$	$+29°\ 21'\ 12''.3$	$-4''.204$	$-0''.541$	87.2	1251 1359 1441	29° 1405
3602	9.0	48 26.60	3.7024	0.0053	25 44 5.8	4.208	0.526	75.1	183 350	25 1499
3603	9.2	48 26.76	3.7396	0.0056	27 2 41.4	4.208	0.531	80.7	733 817	27 1272*
3604	9.1	48 28.14	3.7843	0.0061	28 34 50.8	4.210	0.538	75.7	6 obs.[1]	28 1280
3605	9.0	48 32.50	3.7131	0.0054	26 7 6.0	4.216	0.528	75.2	176 279 361	26 1396
3606	8.9	6 48 32.88	+3.7391	−0.0057	+27 1 50.0	−4.216	−0.531	78.8	283 733 817	27 1273
3607	7.6	48 38.75	3.6863	0.0052	25 9 52.8	4.225	0.524	75.7	69 180 440 549	25 1502
3608	8.9	48 40.04	3.8003	0.0063	29 7 26.8	4.227	0.540	77.7	284 359 635 746	29 1407
3609	9.2	48 50.97	3.7531	0.0058	27 31 12.9	4.242	0.533	78.1	184 430(2) 738 903	27 1275
3610	9.5	48 54.12	3.7844	0.0062	28 35 31.9	4.247	0.537	76.2	358	28 1282*
3611	9.0	6 48 54.20	+3.7093	−0.0054	+25 59 32.4	−4.247	−0.527	84.8	5 obs.[2]	26 1398
3612	8.8	49 2.97	3.7006	0.0053	25 41 6.8	4.259	0.526	75.2	170 183 281 440	25 1505
3613	8.7	49 13.97	3.6808	0.0052	24 58 37.0	4.275	0.523	76.7	186 433(2) 543	25 1507
3614	8.9	49 15.95	3.7652	0.0060	27 56 53.5	4.278	0.535	83.0	7 obs.	27 1276
3615	7.0	49 20.99	3.6759	0.0052	24 48 13.5	4.285	0.522	87.2	1254 1360 1363 1444	*24 1470*
3616	7.5[3]	6 49 21.44	+3.6845	−0.0052	+25 7 4.2	−4.286	−0.523	74.6	69 350	25 1509
3617	8.5	49 28.50	3.7020	0.0055	25 44 39.5	4.296	0.525	88.4	355 1662 1663 1776	25 1510
3618	9.3	49 28.52	3.7330	0.0057	26 50 19.9	4.296	0.530	83.1	963	26 1400*
3619	9.3	49 29.07	3.7089	0.0055	25 59 26.8	4.297	0.527	75.6	176 279 351 431	26 1401
3620	9.0	49 30.32	3.6894	0.0053	25 17 37.5	4.298	0.524	80.9	7 obs.	25 1511
3621	9.4	6 49 53.06	+3.7025	−0.0055	+25 46 20.9	−4.331	−0.525	75.4	170 183 543	25 1512
3622	8.9	50 1.98	3.7384	0.0058	27 2 10.7	4.343	0.530	78.6	5 obs.[4]	27 1280
3623	8.6	50 7.63	3.7296	0.0057	26 43 53.1	4.351	0.529	75.4	176 190 361 436	26 1404
3624	9.0	50 11.44	3.6798	0.0053	24 57 55.3	4.357	0.522	87.4	1251 1355 1443 1445	24 1477
3625	9.5	50 14.53	3.7794	0.0063	28 27 8.6	4.361	0.536	74.2	188	— —
3626	8.3	6 50 15.57	+3.7422	−0.0059	+27 10 31.0	−4.363	−0.531	76.5	275 283 634	27 1281
3627	8.3	50 21.67	3.7602	0.0061	27 48 1.3	4.371	0.533	77.9	276 352 744 745	27 1282
3628	8.0	50 28.88	3.6844	0.0054	25 8 8.0	4.382	0.522	75.2	5 obs.[5]	25 1517
3629	9.0	50 29.96	3.7958	0.0065	29 0 39.5	4.383	0.538	76.5	278 284 635	29 1415
3630	8.9	50 39.31	3.8119	0.0067	29 33 21.7	4.396	0.541	76.5	182 359 637	29 1416
3631	8.7	6 50 45.47	+3.6773	−0.0055	+24 53 14.2	−4.405	−0.522	86.8	1253 1257 1441	24 1481
3632	7.9	50 48.61	3.6828	0.0055	25 5 10.0	4.410	0.522	75.8	183 281 543	25 1519
3633	9.0	50 52.54	3.7887	0.0065	28 47 0.9	4.415	0.537	73.5	65 71 178	28 1286
3634	9.0	50 53.62	3.8110	0.0067	29 31 53.5	4.417	0.540	76.5	182 359 637	29 1417
3635	8.7	51 1.32	3.7899	0.0065	28 49 38.9	4.427	0.537	86.7	1254 1255 1357 1358	28 1287
3636	6.7	6 51 5.11	+3.7151	−0.0058	+26 14 35.3	−4.433	−0.526	76.2	6 obs.[6]	26 1405
3637	9.0	51 10.61	3.7498	0.0061	27 27 42.2	4.441	0.532	74.9	66 184 283 430	27 1286
3638	8.6	51 10.90	3.6938	0.0056	25 29 23.3	4.441	0.523	75.9	5 obs.[7]	25 1520
3639	9.0	51 12.32	3.7176	0.0058	26 20 2.2	4.443	0.527	78.2	279 633 733	26 1407
3640	8.9	51 17.55	3.8080	0.0067	29 26 21.8	4.451	0.539	78.5	278 744 745	29 1421
3641	8.9	6 51 23.42	+3.8192	−0.0069	+29 48 47.1	−4.459	−0.541	77.9	284 635 637	29 1422
3642	8.9	51 23.88	3.6802	0.0055	25 0 26.7	4.460	0.522	80.7	186 746 816 821	25 1522
3643	9.0	51 28.67	3.7240	0.0059	26 34 5.8	4.467	0.528	86.6	738 1779	26 1409
3644	8.6	51 30.96	3.7101	0.0058	26 4 42.3	4.470	0.525	93.1	1776 1779 1781	26 1410
3645	8.9	51 33.03	3.6799	0.0056	24 59 40.8	4.473	0.521	77.4	180 186 746 821	25 1523
3646	8.3	6 51 40.63	+3.6910	−0.0057	+25 24 3.1	−4.484	−0.523	75.7	69 549	25 1524
3647	8.9	51 42.18	3.6910	0.0057	25 24 11.7	4.486	0.523	75.2	183 281 350	25 1525
3648	9.4	51 43.33	3.7775	0.0065	28 26 24.6	4.488	0.535	76.6	71 358 434(2) 636	28 1288*
3649	6.5	51 44.77	3.7101	0.0059	26 4 54.3	4.490	0.525	75.9	190 361 436	26 1411
3650	9.0	51 46.68	3.7137	0.0059	26 12 41.8	4.492	0.526	79.2	431(2) 741 901	26 1412

[1] Z. 65 71 178 434(2) 636
[2] Z. 435 1255 1257 1358 1362
[3] Larger of double
[4] Z. 184 439 738 742 817
[5] » 69 180 281 350 440
[6] Z. 176 190 351 361 435 633
[7] » 170 180 355 433 549

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3651	9.5	$6^h\ 51^m\ 49^s.37$	+3ˢ.7307	−0ˢ.0061	+26° 48′ 43″.2	−4ˢ.496	−0ˢ.528	88.2	906 1889	26° 1414
3652	9.5	51 50.60	3.7329	0.0061	26 53 23.1	4.498	0.529	81.6	733 963	26 1413*
3653	9.5	52 1.81 [1]	3.7971	0.0067	29 5 44.0	4.514	0.537	94.9	1890 1931 1934 1937	29 1423
3654	7.5	52 9.91	3.8225	0.0070	29 56 26.8	4.525	0.542	76.4	278 359 432(2)	29 1425
3655	9.1 [2]	52 22.75	3.7629	0.0065	27 56 22.9	4.544	0.532	75.2	71 275 439	— —
3656	9.1	6 52 23.50	+3.7623	−0.0065	+27 55 11.8	−4.545	−0.532	74.9	66 178 275 439	27 1291
3657	7.8	52 28.27	3.7371	0.0062	27 2 51.5	4.551	0.529	76.5	352 362 430	27 1292
3658	9.5	52 32.30	3.7242	0.0061	26 35 59.8	4.557	0.527	77.9	279 351 738 741	26 1418
3659	9.5	52 35.79	3.6968	0.0058	25 37 36.4	4.562	0.523	73.2	69	25 1530*
3660	9.3	52 37.13	3.6961	0.0058	25 36 7.8	4.564	0.523	74.8	170 180 355	25 1531
3661	9.5	6 52 50.05	+3.7994	−0.0069	+29 11 19.8	−4.582	−0.537	80.9	182 742 1445	29 1427
3662	9.1	52 54.45	3.7495	0.0064	27 29 24.8	4.589	0.530	81.7	817 901	27 1293
3663	9.1	52 55.40	3.7491	0.0064	27 28 43.5	4.590	0.530	81.2	738 901	
3664	9.0	52 56.64	3.7479	0.0064	27 26 19.8	4.592	0.530	86.7	744 1782	27 1294
3665	9.0	53 1.06	3.7506	0.0065	27 31 50.0	4.598	0.530	81.5	6 obs. [3]	27 1295
3666	8.7	6 53 2.16	+3.7635	−0.0066	+27 58 32.9	−4.599	−0.532	77.9	8 obs.	28 1290
3667	8.2	53 2.63	3.8273	0.0072	30 7 23.1	4.600	0.542	86.9	1251 1252 1363 1444	30 1393
3668	7.3	53 10.64	3.7446	0.0064	27 19 42.7	4.611	0.529	78.0	283 362 742 745	27 1296
3669	7.9	53 11.79	3.8206	0.0072	29 54 26.9	4.613	0.540	76.8	278 359 635	29 1429
3670	7.5	53 17.71	3.8050	0.0070	29 23 20.5	4.622	0.538	82.2	733 744 1058 1059	29 1430
3671	9.1	6 53 17.90	+3.7183	−0.0061	+26 24 24.2	−4.622	−0.525	88.2	5 obs. [4]	26 1423
3672	9.4	53 23.22	3.8273	0.0073	30 8 2.8	4.629	0.541	91.2	1255 1784 1894	30 1395
3673	9.3	53 27.97	3.7625	0.0066	27 57 14.4	4.636	0.532	93.8	1783 1898 1899	27 1299
3674	9.0	53 28.29	3.7504	0.0065	27 32 9.2	4.636	0.530	83.2	66 1782	27 1300
3675	9.3	53 28.94	3.7635	0.0066	27 59 15.7	4.637	0.532	93.2	1784	— —
3676	8.9	6 53 29.51	+3.8076	−0.0071	+29 28 53.6	−4.638	−0.538	81.2	637 906 908	29 1431
3677	8.8	53 29.79	3.7167	0.0061	26 21 27.2	4.639	0.525	75.8	279 351 361	26 1424
3678	9.0	53 34.71	3.8055	0.0071	29 24 43.1	4.646	0.538	81.1	635 961	29 1432
3679	8.2	53 36.40	3.7509	0.0065	27 33 9.7	4.648	0.530	79.8	5 obs. [5]	27 1301
3680	9.1	53 39.76	3.7202	0.0062	26 29 4.8	4.653	0.526	77.2	431 435 436	26 1425
3681	8.9	6 53 41.22	+3.8099	−0.0072	+29 33 50.8	−4.655	−0.538	84.1	963 1152	29 1433
3682	8.6	53 41.38	3.7180	0.0062	26 24 28.7	4.655	0.525	79.6	176 1151	26 1426
3683	8.6	53 50.96	3.7275	0.0063	26 44 50.3	4.669	0.527	79.5	176 633 1162	26 1427
3684	8.7	53 59.46	3.8180	0.0073	29 50 22.2	4.681	0.539	83.9	633 907 1555	29 1434
3685	8.3	54 0.36	3.6991	0.0060	25 44 27.7	4.682	0.522	75.8	6 obs. [6]	25 1540
3686	9.3	6 54 14.29	+3.7612	−0.0067	+27 55 36.2	−4.702	−0.532	77.1	430	— —
3687	8.7	54 16.17	3.6997	0.0064	26 46 11.7	4.704	0.527	82.2	633 906 1154	26 1431
3688	9.4	54 21.70	3.7967	0.0071	29 8 26.6	4.712	0.536	87.7	1157 1552	29 1437
3689	7.2	54 26.05	3.6948	0.0061	25 36 1.8	4.719	0.522	75.1	170 281 350	25 1542
3690	9.3	54 27.96	3.7233	0.0064	26 36 49.0	4.721	0.526	79.2	351 908	26 1433
3691	8.7	6 54 29.63	+3.8242	−0.0075	+30 3 38.5	−4.724	−0.540	80.7	432 1059	30 1404
3692	7.2	54 39.67	3.6931	0.0061	25 32 30.9	4.738	0.521	75.2	186 281 355	25 1545
3693	8.0	54 40.77	3.7064	0.0062	26 1 18.9	4.739	0.523	82.2	733 900 1061	26 1435
3694	9.3	55 17.07	3.7103	0.0064	26 10 23.0	4.791	0.524	85.2	1159	26 1438*
3695	6.3	55 33.76	3.8079	0.0074	29 32 35.1	4.814	0.536	78.4	635 637 741 1060	29 1441
3696	8.9	6 55 33.95	+3.7301	−0.0066	+26 52 36.3	−4.815	−0.526	80.9	633 733 901 906	26 1440
3697	8.2	55 34.10	3.6920	0.0062	25 31 27.9	4.815	0.520	80.5	186 907 1151	25 1551
3698	9.4	55 35.02	3.7048	0.0064	25 58 59.1	4.816	0.522	87.2	1255 1445	26 1441
3699	9.4	55 38.45	3.7784	0.0071	28 32 56.2	4.821	0.532	91.2	908 1891 1899 1900	28 1296*
3700	9.0	55 46.11	3.8175	0.0077	29 52 15.3	4.832	0.538	91.1	1515 1776	29 1442

[1] Differs +10ˢ from BD and BB VI
[2] Nebulous star. Larger of double
[3] Z. 634 741 817 900 961 963
[4] » 1254 1352 1515 1516 1518
[5] Z. 66 283 907 1056 1060
[6] » 69 183 350 433(2) 440

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3701	8.3	6h 55m 47s.41	+3s.6916	−0s.0062	+25° 31′ 3″.4	−4″.834	−0s.520	78.2	186 907	25° 1553
3702	9.1	55 48.81	3.6781	0.0061	25 1 43.8	4.836	0.518	90.5	1058 1787 1889	25 1554
3703	9.4	55 48.88	3.7767	0.0071	28 30 2.8	4.836	0.532	95.1	1936 1938	28 1297
3704	9.0	55 49.53	3.7870	0.0072	28 50 48.8	4.837	0.533	81.2	636 963	28 1298
3705	8.9	55 49.83	3.6711	0.0060	24 46 36.4	4.837	0.517	86.7	1254 1362	*24 1511*
3706	8.0	6 55 50.10	+3.7386	−0.0067	+27 11 3.4	−4.837	−0.527	79.2	283 634(2) 961	27 1307
3707	9.4	55 51.55	3.7792	0.0072	28 35 11.0	4.840	0.532	94.1	1896	28 1299*
3708	8.2	55 52.45	3.6848	0.0062	25 16 22.6	4.841	0.519	89.9	1059 1663 1783	25 1556
3709	8.9	55 55.86	3.6719	0.0060	24 48 25.8	4.846	0.517	83.7	901 1154	24 1512
3710	9.2	55 56.49	3.8187	0.0077	29 55 1.3	4.847	0.539	79.7	637 741	29 1443
3711	9.0	6 55 57.98	+3.7917	−0.0073	+29 0 48.3	−4.849	−0.534	93.6	1621 1790 1931 1934	29 1444
3712	9.0	56 0.34	3.7913	0.0073	29 0 4.5	4.852	0.534	87.1	635 1935	— —
3713	8.1	56 2.90	3.7337	0.0067	27 0 59.8	4.856	0.526	79.9	176 283 1060 1256	27 1308
3714	8.5	56 13.68	3.6937	0.0063	25 36 3.6	4.871	0.520	80.5	170 900 1162	25 1557
3715	8.5	56 14.60	3.6973	0.0063	25 43 42.2	4.872	0.521	84.2	1056 1061	25 1558
3716	9.3	6 56 20.29	+3.7096	−0.0065	+26 10 23.8	−4.880	−0.521	80.7	351 1159	26 1443
3717	9.2	56 20.59	3.7184	0.0066	26 29 8.5	4.881	0.524	89.2	1157 1790	26 1442
3718	8.5	56 31.47	3.7196	0.0066	26 31 53.2	4.896	0.523	84.2	963 1155	26 1446
3719	9.0	56 35.55	3.7143	0.0066	26 20 49.1	4.902	0.523	93.2	1785 1786	26 1447
3720	9.4	56 48.29	3.6925	0.0064	25 34 31.8	4.920	0.520	74.1	170	25 1563*
3721	9.3	6 56 49.70	+3.8107	−0.0077	+29 40 15.7	−4.922	−0.537	88.2	908 1896	29 1448
3722	9.5	56 55.34	3.8107	0.0077	29 40 21.1	4.930	0.537	94.1	1898 1899	29 1449
3723	8.7[1]	57 3.39	3.7700	0.0073	28 18 10.2	4.941	0.531	84.5	636 741 1901	28 1305
3724	9.3	57 10.93	3.6955	0.0064	25 41 20.1	4.952	0.520	87.7	906 1782	25 1566
3725	9.0	57 13.94	3.7604	0.0072	27 58 38.6	4.956	0.529	86.7	1152 1445	28 1306
3726	8.7	6 57 15.45	+3.8174	−0.0078	+29 54 22.3	−4.958	−0.538	83.4	637 1059 1061 1255	29 1451
3727	9.3	57 31.43	3.8164	0.0079	29 52 52.3	4.981	0.537	84.2	901 1153	29 1452
3728	8.5	57 37.47	3.8109	0.0078	29 42 3.8	4.989	0.536	83.5	907 1058 1060	29 1454
3729	9.5	57 43.78	3.6758	0.0063	24 59 36.7	4.998	0.517	82.6	900 961	25 1569
3730	9.0[2]	57 47.82	3.6735	0.0064	24 54 50.8	5.004	0.517	74.2	186	24 1521*
3731[3]	9.0	6 57 54.99	+3.7622	−0.0073	+28 3 21.0	−5.014	−0.529	78.5	178 636 906	28 1307
3732	8.9[4]	58 1.67	3.7127	0.0068	26 19 36.8	5.023	0.522	79.8	5 obs.[5]	26 1451
3733	8.9	58 16.76	3.7660	0.0074	28 10 59.3	5.045	0.530	81.2	636 744 908 963	28 1309
3734	7.8	58 20.22	3.7717	0.0075	28 22 42.1	5.050	0.530	80.2	188 1254	28 1310
3735	8.3	58 22.20	3.7034	0.0067	26 0 29.9	5.053	0.521	78.2	435 436 741	26 1453
3736	8.6	6 58 24.87	+3.6946	−0.0066	+25 41 23.7	−5.056	−0.520	74.9	69 170 183 549	25 1570
3737	7.0	58 32.50	3.6775	0.0065	25 2 52.1	5.067	0.516	75.2	180 186 433	25 1571
3738	8.5	58 54.24	3.7715	0.0076	28 24 10.8	5.098	0.530	76.8	5 obs.[6]	28 1312
3739	9.1	59 2.70	3.7924	0.0078	29 6 41.4	5.110	0.532	76.5	182 359 635	29 1457
3740	9.5	59 16.82	3.7139	0.0069	26 23 53.4	5.130	0.521	85.5	741 908 1891	— —
3741	9.4	6 59 24.19	+3.7595	−0.0075	+28 0 9.0	−5.140	−0.528	81.7	742 816 903 963	28 1313
3742	6.9	59 34.42	3.7699	0.0077	28 22 1.5	5.154	0.529	77.7	358 636	28 1314
3743	9.1	59 35.53	3.7994	0.0080	29 22 11.9	5.156	0.533	80.2	744	29 1458*
3744	9.2	59 36.85	3.7936	0.0079	29 10 30.3	5.158	0.532	77.5	359 432 637	29 1459
3745	9.5	59 38.28	3.7127	0.0070	26 22 12.0	5.160	0.521	82.2	905 907	26 1459
3746	9.5	6 59 38.70	+3.7127	−0.0070	+26 21 54.0	−5.160	−0.521	82.2	900 906	26 1460
3747	9.0	59 43.73	3.7776	0.0078	28 38 14.6	5.167	0.530	81.2	5 obs.[7]	28 1316
3748	9.1	59 50.98	3.6706	0.0066	24 51 20.6	5.178	0.514	74.1	69 170 180 281	24 1532
3749	8.9	7 0 4.20	3.6921	0.0068	25 38 34.4	5.196	0.518	77.9	183 186 281 1446	25 1579
3750	9.1	0 5.99	3.7979	0.0080	29 20 13.4	5.199	0.533	84.2	6 obs.[8]	29 1461

[1] Double; north preceding
[2] BD 9.2
[3] North preceding of two stars
[4] Close double
[5] Z. 351 361 633 746 1362
[6] » 71 188 358 738 745
[7] Z. 178 434 738 1358 1359
[8] » 182 438 744 1620 1621 1622

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3751	9.3	7h 0m 6.88	+3.7111	−0.0070	+26° 19′ 21.9	−5.200	−0.520	77.5	351 361 745	26° 1462
3752	9.1	0 6.93	3.7554	0.0076	27 52 56.3	5.200	0.526	80.8	9 obs.	27 1319
3753	8.6	0 9.14	3.8188	0.0083	30 2 8.2	5.203	0.536	88.2	1362 1443 1512	30 1423
3754	9.0	0 29.08	3.7701	0.0077	28 24 4.9	5.231	0.528	74.5	71 188 358	28 1319
3755	9.3	0 51.32	3.8122	0.0084	29 50 5.1	5.263	0.534	84.4	6 obs.[1]	29 1465
3756	8.9	7 0 52.42	+3.6789	−0.0069	+25 11 6.0	−5.264	−0.516	83.5	7 obs.	25 1584
3757	9.1	0 53.97	3.8232	0.0086	30 12 13.4	5.266	0.536	87.7	1361 1445	*30 1427*
3758	9.1	0 54.29	3.6789	0.0069	25 11 1.0	5.267	0.516	82.6	5 obs.[2]	25 1585
3759	9.3	0 56.61	3.6969	0.0071	25 50 28.2	5.270	0.518	79.2	545 549 738 741	25 1586
3760	8.8	1 4.14	3.7245	0.0073	26 49 31.1	5.281	0.521	78.6	5 obs.[3]	26 1463
3761	8.8	7 1 8.98	+3.7283	−0.0074	+26 57 47.7	−5.288	−0.522	88.7	1441 1517	26 1464
3762	8.7	1 13.76	3.7915	0.0082	29 8 56.0	5.294	0.531	74.9	182 192 278 351	29 1466
3763	9.5	1 17.41	3.7513	0.0077	27 46 22.4	5.299	0.525	75.6	5 obs.[4]	27 1322
3764	9.4	1 20.70	3.7512	0.0077	27 46 11.5	5.304	0.525	75.1	275	— —
3765	9.2	1 23.03	3.7268	0.0074	26 55 7.1	5.307	0.522	79.9	436 745 903	26 1466
3766	9.3	7 1 23.84	+3.7523	−0.0077	+27 48 35.5	−5.308	−0.525	81.2	817	— —
3767	8.4	1 26.44	3.7649	0.0079	28 14 54.9	5.312	0.527	78.2	71 636 746 748	28 1320
3768	9.5	1 33.07	3.6924	0.0071	25 41 39.3	5.321	0.517	74.2	186	— —
3769	8.7	1 39.38	3.6859	0.0070	25 27 30.9	5.330	0.516	75.2	180 281 355	25 1590
3770	9.1	1 42.12	3.6731	0.0069	24 59 43.5	5.334	0.514	79.5	5 obs.[5]	25 1591
3771	9.2	7 1 44.75	+3.7703	−0.0080	+28 26 42.6	−5.338	−0.528	79.5	6 obs.[6]	28 1321
3772	9.3	1 48.97	3.6947	0.0071	25 46 48.5	5.344	0.517	81.2	742 817 821 905	25 1592
3773	9.1	1 49.57	3.7251	0.0074	26 51 56.2	5.345	0.521	75.7	279 361	26 1469
3774	7.3	1 54.92	3.6989	0.0072	25 55 54.2	5.352	0.518	75.2	69 433	25 1594
3775	7.9	1 55.39	3.7209	0.0074	26 43 18.6	5.353	0.521	76.2	191 435 436	26 1470
3776	7.9	7 2 2.54	+3.6988	−0.0072	+25 55 58.3	−5.363	−0.518	76.9	281 355 543 549	25 1595
3777	8.7	2 6.85	3.6961	0.0072	25 50 33.2	5.369	0.517	87.9	1362 1442 1444	25 1596
3778	8.8	2 9.41	3.8222	0.0087	30 12 19.6	5.372	0.535	87.5	1360 1363 1364 1443	*30 1435*
3779	9.0	2 19.18	3.7740	0.0081	28 35 8.3	5.386	0.528	73.5	65 71 178	28 1326
3780	8.8	2 19.23	3.7359	0.0077	27 15 47.5	5.386	0.523	75.9	8 obs.	27 1323
3781	8.5	7 2 21.96	+3.7116	−0.0074	+26 24 17.2	−5.390	−0.519	74.9	190 191 361	26 1471
3782	9.0	2 55.86	3.8169	0.0088	30 3 12.3	5.438	0.533	75.9	8 obs.	30 1437
3783	8.8	3 1.81	3.6790	0.0071	25 14 45.0	5.446	0.514	86.7	821 1361 1441 1555	25 1597
3784	9.3	3 12.38	3.7145	0.0075	26 31 46.9	5.461	0.519	80.2	744	26 1477*
3785	9.0	3 13.09	3.8121	0.0088	29 54 15.3	5.462	0.533	83.4	5 obs.[7]	29 1470
3786	9.3	7 3 22.13	+3.7175	−0.0076	+26 38 27.7	−5.475	−0.519	74.7	190 279	26 1478
3787	8.5	3 23.55	3.6864	0.0072	25 31 37.2	5.477	0.515	75.2	69 183 355 440	25 1598
3788	8.5	3 37.52	3.6682	0.0070	24 51 58.2	5.496	0.512	80.6	7 obs.	24 1549
3789	5.9	3 37.83	3.7291	0.0078	27 3 35.0	5.497	0.520	74.1	66 184 275	27 1327
3790	9.5	3 39.96	3.7148	0.0076	26 33 14.2	5.500	0.518	80.2	741 742 745	26 1479
3791	9.4	7 3 42.63	+3.6783	−0.0072	+25 14 18.6	−5.503	−0.513	81.2	821	— —
3792	7.0	3 46.27	3.7162	0.0076	26 36 31.4	5.508	0.519	75.7	6 obs.[8]	26 1481
3793	9.1	3 51.48	3.7670	0.0083	28 23 36.5	5.516	0.526	84.4	188 1358 1359 1512	28 1331*
3794	9.0	4 0.38	3.7761	0.0084	28 42 32.3	5.528	0.527	75.5	6 obs.[9]	28 1332
3795	9.4	4 2.33	3.6709	0.0071	24 58 40.7	5.531	0.512	88.7	1445 1517	25 1602
3796	8.9	7 4 2.48	+3.7223	−0.0077	+26 49 41.7	−5.531	−0.519	79.1	8 obs.	26 1482
3797	10.0[10]	4 6.41	3.6681	0.0070	24 52 42.7	5.537	0.511	74.1	180	24 1552*
3798	9.0	4 13.99	3.6806	0.0073	25 20 11.9	5.547	0.513	88.4	1363 1442 1444 1552	25 1603
3799	9.1	4 20.42	3.8003	0.0088	29 32 30.1	5.556	0.530	75.4	182 284 354 359	29 1474
3800	9.0	4 20.79	3.7824	0.0086	28 56 9.6	5.557	0.528	89.2	65 1662 1663	28 1333*

[1] Z. 635 637 746 816 1785 1786
[2] » 180 183 543 1783 1784
[3] » 190 279 351 435 1555
[4] » 66 184 275 283 742
[5] Z. 545 549 744 749 816
[6] » 178 188 434(2) 1358 1359
[7] » 182 278 1515 1516 1518
[8] Z. 190 191 279 351 435(2)
[9] » 65 71 178 358 434 636
[10] BD 9.5

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3801	9.1	7h 4m 25s.90	+3s.7450	−0s.0080	+27° 38′ 27″.2	−5″.564	−0″.522	74.2	66 184 283	27° 1332
3802	9.2	4 33.76	3.7293	0.0079	27 5 40.0	5.575	0.520	91.2	1621 1622	27 1333*
3803	9.3	4 34.40	3.7646	0.0084	28 19 48.8	5.576	0.525	74.1	178	28 1335*
3804	8.8	4 34.82	3.7671	0.0084	28 25 0.3	5.577	0.525	76.9	188 434 636	28 1336
3805	8.7	4 38.13	3.6994	0.0076	26 1 42.2	5.581	0.515	91.7	1556 1786	26 1485
3806	9.0	7 4 38.67	+3.6672	−0.0072	+24 51 31.4	−5.582	−0.511	73.7	69 183	24 1554
3807	9.0	4 40.63	3.7500	0.0082	27 49 41.6	5.585	0.522	76.1	184 362 430(2)	27 1334
3808	7.8	4 46.94	3.7199	0.0078	26 46 15.2	5.593	0.518	76.5	279 351 548	26 1487
3809	9.1	4 47.17	3.7349	0.0080	27 18 4.7	5.594	0.520	76.2	275 439	27 1336
3810	8.9	4 48.91	3.7753	0.0085	28 42 18.9	5.596	0.526	74.7	71 358	28 1337
3811	9.4	7 4 49.14	+3.7227	−0.0079	+26 52 14.5	−5.597	−0.519	80.2	745 746	26 1486*
3812	9.0	4 53.39	3.6911	0.0075	25 44 7.9	5.603	0.514	93.2	1782 1783	25 1606
3813	9.1	4 58.56	3.6658	0.0072	24 49 11.5	5.610	0.510	93.5	1785 1787 1890	24 1559
3814	8.5	5 1.13	3.6914	0.0075	25 45 8.3	5.613	0.514	75.5	186 281 433	25 1608
3815	6.8	5 2.34	3.7385	0.0081	27 26 2.8	5.615	0.521	75.9	275 283 362 439	27 1337
3816	8.8	7 5 3.71	+3.7985	−0.0089	+29 30 16.0	−5.617	−0.529	75.7	182 278 359 432	29 1479
3817	9.4	5 7.73	3.7255	0.0079	26 58 40.5	5.623	0.519	78.9	66 738 741 905	27 1338
3818	7.2	5 8.02	3.6969	0.0076	25 57 18.3	5.623	0.515	75.5	180 281 440	25 1609
3819	9.0	5 17.87	3.6681	0.0073	24 54 34.1	5.637	0.511	89.2	1515 1516 1518	24 1562
3820	9.4	5 17.94	3.6663	0.0073	24 50 42.3	5.637	0.510	76.2	355	24 1563*
3821	8.2	7 5 18.17	+3.7541	−0.0084	+27 59 22.9	−5.637	−0.523	91.4	1361 1555 1891 1894	28 1340
3822	8.7	5 33.93	3.6667	0.0073	24 51 51.9	5.659	0.510	90.2	1359 1786	24 1567
3823	9.5	5 44.83	3.8141	0.0092	30 2 58.6	5.675	0.530	77.2	278 284 816	30 1452
3824	9.5	5 52.13	3.6878	0.0076	25 38 44.2	5.685	0.513	80.7	745 817	— —
3825	8.8	5 57.24	3.7589	0.0086	28 10 34.4	5.692	0.523	77.1	178 738	28 1341
3826	7.8	7 5 59.42	+3.7742	−0.0087	+28 42 12.0	−5.695	−0.525	76.4	71 358 434 636	28 1342
3827	9.4	6 1.51	3.6754	0.0075	25 12 4.6	5.698	0.512	76.9	69 543 545 549	25 1612
3828	8.8	6 7.09	3.7759	0.0087	28 46 3.7	5.706	0.525	78.8	5 obs.[1]	28 1343
3829	9.3	6 9.29	3.7971	0.0090	29 29 31.7	5.709	0.528	80.9	6 obs.[2]	29 1481
3830	9.0	6 14.52	3.7162	0.0080	26 40 46.5	5.716	0.517	75.7	190 191 351 548	26 1492
3831	8.6	7 6 18.01	+3.6759	−0.0075	+25 13 26.3	−5.721	−0.511	77.4	69 440 543 821	25 1613
3832	9.5	6 25.28	3.6874	0.0076	25 38 46.7	5.731	0.512	81.2	746 817 903	25 1614
3833	9.0	6 48.12	3.7007	0.0079	26 8 14.5	5.763	0.514	76.2	279 361 435	26 1494
3834	8.8	6 48.78	3.7720	0.0088	28 39 15.3	5.764	0.524	74.5	65 178 358	28 1346
3835	7.4	6 48.90	3.6673	0.0075	24 55 22.4	5.764	0.510	76.2	186 355 433(2)	24 1576
3836	9.4	7 6 58.73	+3.6847	−0.0077	+25 34 0.7	−5.778	−0.512	79.5	180 183 1552	25 1616*
3837	9.1	6 59.99	3.8073	0.0094	29 51 43.3	5.780	0.529	75.8	182 354 432	29 1484
3838	8.8	7 1.98	3.7207	0.0082	26 51 39.3	5.782	0.517	75.9	190 361 435	26 1495
3839	8.9	7 2.54	3.7286	0.0083	27 8 38.0	5.783	0.517	75.3	66 184 275 430(2)	27 1342
3840	6.5	7 3.11	3.6715	0.0075	25 5 59.5	5.784	0.510	86.5	281 1662 1665	25 1618
3841	8.8	7 7 7.40	+3.8132	−0.0094	+30 3 42.9	−5.790	−0.530	87.5	1360 1361 1445	30 1464
3842	9.5	7 20.46	3.6765	0.0077	25 16 39.0	5.808	0.511	78.2	543 549	25 1619
3843	8.7[3]	7 21.61	3.7024	0.0080	26 13 4.6	5.810	0.514	77.8	191 436(2) 738 741	26 1497
3844	8.1	7 26.64	3.6989	0.0079	26 5 36.0	5.817	0.514	76.9	190 351 748	26 1498
3845	9.1	7 28.69	3.6827	0.0078	25 30 26.0	5.820	0.512	77.9	281 440 817	25 1620
3846	9.3	7 7 32.66	+3.6661	−0.0076	+24 53 53.6	−5.825	−0.509	77.2	180 749	24 1582*
3847	9.3	7 34.52	3.6764	0.0077	25 16 55.3	5.828	0.511	79.9	545 742 746 821	25 1621
3848	9.0	7 38.27	3.6828	0.0078	25 30 57.1	5.833	0.511	77.7	186 440 549 817	25 1622
3849	8.8[4]	7 48.97	3.7845	0.0091	29 6 53.5	5.848	0.525	78.4	182 278 354 1446	29 1487
3850	8.6	7 59.51	3.7430	0.0086	27 41 6.1	5.863	0.520	75.4	178 184 362 439	27 1346

[1] Z. 188 636 742 748 749 [2] Z. 284 354 438 744 1442 1444 [3] Coarse double [4] BD 9.4

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3851	9.3	7h 8m 5s.57	+3s.7058	−0s.0081	+26° 21′ 42″.9	−5″.871	−0″.514	77.7	279 741	26° 1501
3852	8.0	8 8.38	3.7946	0.0093	29 28 15.6	5.875	0.527	75.5	192 284 438	29 1489
3853	6.8	8 8.66	3.7552	0.0087	28 6 45.3	5.875	0.521	75.2	6 obs.[1]	28 1350
3854	9.2	8 15.09	3.7732	0.0090	28 44 9.8	5.884	0.524	85.4	188 1515 1516 1518	28 1351
3855	8.6	8 28.61	3.6649	0.0077	24 53 6.3	5.903	0.509	87.7	1359 1362 1442 1444	24 1586
3856	9.3	7 8 38.02	+3.7000	−0.0081	+26 10 12.4	−5.916	−0.513	78.2	351 548 744	26 1505
3857	9.0	8 38.63	3.7950	0.0094	29 27 30.8	5.917	0.526	78.9	284 738 742 745	29 1491
3858	8.9	8 38.67	3.8132	0.0096	30 6 53.0	5.917	0.528	76.4	192 432(2) 438	30 1468
3859	8.9	8 52.61	3.6707	0.0078	25 6 31.6	5.937	0.508	75.8	5 obs.[2]	25 1625
3860	9.3	9 5.94	3.8026	0.0096	29 46 21.5	5.955	0.527	75.2	182 278 354	29 1493
3861	7.5	7 9 11.60	+3.6608	−0.0077	+24 45 17.9	−5.963	−0.507	90.2	1556	*24 1592*
3862	9.2	9 13.43	3.7254	0.0086	27 6 3.2	5.966	0.516	75.5	6 obs.[3]	27 1350
3863	9.5	9 14.84	3.7378	0.0087	27 32 19.4	5.968	0.518	82.2	908	27 1351*
3864	9.5	9 18.07	3.7438	0.0088	27 45 19.2	5.972	0.519	80.2	742	— —
3865	6.3	9 18.57	3.7201	0.0085	26 54 44.8	5.973	0.515	75.2	190 279 361	26 1508
3866	7.4	7 9 32.84	+3.7107	−0.0084	+26 34 58.3	−5.993	−0.514	80.4	5 obs.[4]	26 1510
3867	9.5	9 41.26	3.7698	0.0092	28 40 14.7	6.004	0.522	94.1	1890 1891	28 1353
3868	9.5	9 56.55	3.7406	0.0089	27 39 51.0	6.026	0.518	80.2	745	— —
3869	9.5	9 57.89	3.6896	0.0081	25 49 55.3	6.028	0.510	75.5	69 281 543	25 1627
3870	8.7	10 7.37	3.7706	0.0093	28 42 40.0	6.041	0.522	74.9	65 71 188 636	28 1356
3871	9.0	7 10 9.10	+3.7958	−0.0096	+29 34 39.0	−6.043	−0.525	78.7	284 438 738 895	29 1497
3872	8.6	10 10.28	3.6599	0.0078	24 44 55.6	6.045	0.506	88.5	1359 1445 1555	*24 1599*
3873	7.9	10 11.83	3.7093	0.0084	26 33 14.8	6.047	0.513	78.5	279 744 749	26 1512
3874	7.5	10 13.60	3.7320	0.0087	27 21 47.8	6.049	0.516	74.7	66 184 275 362	27 1354
3875	9.4	10 20.19	3.7829	0.0095	29 8 36.6	6.058	0.523	76.2	354	29 1498*
3876	9.0	7 10 26.54	+3.7432	−0.0089	+27 45 59.2	−6.067	−0.518	87.7	1360 1446	27 1355
3877	8.6	10 28.56	3.7738	0.0094	28 50 13.3	6.070	0.522	78.9	358 636 822	28 1357
3878	9.3	10 34.40	3.7820	0.0095	29 7 22.5	6.078	0.523	84.2	278 1787	29 1500
3879	8.9	10 35.69	3.7163	0.0086	26 49 8.9	6.080	0.514	82.2	5 obs.[5]	26 1516
3880	8.1	10 41.42	3.7348	0.0089	27 28 49.3	6.088	0.516	81.2	184 908 1057 1060	27 1356
3881	9.0	7 10 50.11	+3.7855	−0.0096	+29 14 43.1	−6.100	−0.523	93.2	1782 1783	29 1501
3882	9.1	10 51.82	3.6803	0.0082	25 31 20.5	6.102	0.508	88.5	1362 1515 1518	25 1633*
3883	9.0	10 53.89	3.7555	0.0092	28 12 53.9	6.105	0.519	80.5	188 907 1155	28 1361
3884	9.4	10 55.56	3.6609	0.0079	24 48 27.8	6.108	0.505	91.7	1552 1786	24 1604
3885	9.0	10 56.02	3.6900	0.0084	25 52 45.5	6.108	0.510	75.9	180 281 355 543	25 1634
3886	9.0	7 10 56.20	+3.7819	−0.0095	+29 7 46.1	−6.109	−0.523	83.6	5 obs.[6]	29 1502
3887	8.9	10 58.88	3.7876	0.0097	29 19 29.1	6.112	0.523	80.7	192 903(2) 1064	29 1503
3888	9.3	11 1.32	3.7350	0.0089	27 29 52.4	6.116	0.516	80.2	184 1252	27 1357
3889	8.6	11 3.57	3.6883	0.0083	25 49 6.0	6.119	0.509	82.9	69 1253 1254 1257	25 1636
3890	8.0	11 9.77	3.7898	0.0097	29 24 29.9	6.127	0.524	80.5	284 906 1061	29 1505
3891	8.0	7 11 13.70	+3.6977	−0.0084	+26 9 59.5	−6.133	−0.510	88.7	1059 1790	26 1517
3892	9.1	11 27.00	3.7630	0.0094	28 29 42.7	6.151	0.520	93.5	1792 1793 1894	28 1363
3893	8.5	11 29.66	3.7269	0.0089	27 13 33.1	6.155	0.515	83.5	895 900 1255	27 1360
3894	9.2	11 30.30	3.7786	0.0096	29 2 0.2	6.156	0.522	88.7	1060 1785	29 1507
3895	9.4	11 31.25	3.6691	0.0081	25 7 50.0	6.157	0.506	84.1	180 1895	25 1638
3896	9.3	7 11 39.51	+3.7542	−0.0093	+28 11 34.5	−6.169	−0.518	89.9	908 1793 1896	28 1365
3897	7.1	11 46.46	3.7217	0.0089	27 2 53.9	6.178	0.513	88.7	1064 1790	27 1362
3898	9.1	11 51.50	3.7253	0.0090	27 10 50.1	6.185	0.514	86.7	741 1792	27 1363
3899	9.1	12 12.49	3.7283	0.0090	27 17 49.3	6.214	0.514	88.2	1445	27 1364*
3900	9.5	12 33.98	3.7983	0.0101	29 45 1.8	6.244	0.524	88.2	907 1898	29 1509

[1] Z. 65 71 188 358 434(2)
[2] » 180 183 355 433 440
[3] Z. 66 184 275 362 430 439
[4] » 351 436 741 744 1443
[5] Z. 895 900 905 906 907
[6] » 741 905 1157 1158 1159

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3901	7.6	$7^h\ 12^m\ 33^s.99$	+3ˢ.7578	−0ˢ.0095	+28° 21′ 0″.1	−6″.244	−0″.518	77.9	188 636 744	28° 1367
3902	7.3	12 54.89	3.8043	0.0103	29 57 47.9	6.273	0.524	84.7	1060 1157	29 1511
3903	9.0	12 59.90	3.6700	0.0084	25 12 41.2	6.280	0.506	82.2	5 obs.[1]	25 1641
3904	9.1	13 2.52	3.7314	0.0092	27 26 7.0	6.284	0.514	83.0	5 obs.[2]	27 1366
3905	9.0	13 10.91	3.7356	0.0093	27 35 37.5	6.295	0.514	83.2	900 908 1155	27 1367
3906	8.3	7 13 10.98	+3.7149	−0.0090	+26 51 15.4	−6.295	−0.511	86.2	1061 1446	26 1525
3907	9.1	13 22.97	3.7356	0.0093	27 35 25.9	6.312	0.514	78.2	184 908	27 1368
3908	8.5	13 23.16	3.6884	0.0086	25 53 56.3	6.312	0.508	84.9	1061 1158 1159	25 1644
3909	8.8	13 29.89	3.6602	0.0083	24 51 40.9	6.322	0.504	87.2	1064 1552	24 1627
3910	9.0	13 30.11	3.6713	0.0084	25 16 23.4	6.322	0.505	88.7	1363 1555	25 1645
3911	8.0	7 13 32.48	+3.7110	−0.0089	+26 43 30.5	−6.325	−0.510	80.2	190 1255	26 1528
3912	9.4	13 32.63	3.6645	0.0084	25 1 23.5	6.325	0.504	92.2	1556 1895	25 1646
3913	8.3	13 36.35	3.7815	0.0100	29 12 24.5	6.331	0.520	84.2	284 1783	29 1514
3914	9.4	13 40.71	3.7038	0.0089	26 28 1.9	6.337	0.509	88.2	907 1899	26 1529
3915	9.5	13 43.05	3.6969	0.0088	26 13 0.4	6.340	0.509	94.1	1891 1900 1901	26 1530
3916	8.2	7 13 43.87	+3.7288	−0.0092	+27 17 58.9	−6.341	−0.512	86.7	741 1785	27 1369
3917	9.0	13 49.35	3.8010	0.0104	29 53 3.6	6.349	0.523	93.2	1790 1792	29 1515
3918	7.9	13 51.08	3.7015	0.0089	26 23 27.4	6.351	0.509	86.5	191 1662 1787	26 1531
3919	8.5	13 54.29	3.6761	0.0085	25 27 50.3	6.355	0.506	74.2	180 183	25 1649
3920	8.2	13 59.00	3.6932	0.0087	26 5 40.5	6.362	0.508	81.8	435 744 1445	26 1532
3921	9.3	7 14 2.33	+3.6968	−0.0088	+26 13 33.3	−6.366	−0.509	86.7	903 1622	26 1533
3922	8.9	14 4.09	3.6955	0.0088	26 10 41.7	6.369	0.508	83.2	903 1064	26 1535
3923	8.3	14 9.03	3.8061	0.0104	30 4 13.0	6.376	0.523	81.9	432 1059 1060	30 1488
3924	9.0	14 9.74	3.6674	0.0084	25 8 48.7	6.377	0.504	80.5	69 180 1896	25 1651
3925	9.0	14 9.88	3.6797	0.0086	25 36 19.8	6.377	0.506	89.8	906 1786 1890	25 1650
3926	9.0	7 14 13.50	+3.6804	−0.0086	+25 37 56.5	−6.382	−0.506	89.8	906 1786 1894	25 1652
3927	8.4	14 22.10	3.7973	0.0103	29 46 51.0	6.394	0.522	79.7	182 740 900 905	29 1516
3928	7.6	14 39.24	3.8054	0.0105	30 3 42.6	6.418	0.522	76.9	354 438 441	30 1490
3929	8.9	14 52.83	3.6671	0.0086	25 9 47.3	6.436	0.504	83.6	440 741 895 1157	25 1654
3930	9.0	14 58.96	3.7566	0.0099	28 23 38.3	6.445	0.516	78.4	188 636 740 744	28 1373
3931	9.0	7 15 13.97	+3.7895	−0.0103	+29 32 28.7	−6.466	−0.520	84.7	821 1155 1251 1252	29 1520
3932	9.2	15 16.41	3.7927	0.0104	29 39 8.0	6.469	0.520	85.2	5 obs.[3]	29 1522
3933	9.1	15 25.06	3.7074	0.0092	26 39 20.4	6.481	0.508	81.0	5 obs.[4]	26 1539
3934	9.1	15 25.14	3.6631	0.0085	25 1 51.7	6.481	0.503	81.2	549 821 1061	25 1655
3935	8.9	15 33.54	3.7720	0.0102	28 56 53.3	6.492	0.517	75.9	188 358 434	28 1375
3936	9.0	7 15 40.25	+3.7184	−0.0094	+27 3 56.3	−6.502	−0.510	76.5	66 184 275 439	27 1371
3937	8.9	15 41.13	3.6789	0.0088	25 37 31.4	6.503	0.505	80.2	183 902 1059	25 1657
3938	9.4	15 43.51	3.6851	0.0089	25 51 19.0	6.506	0.506	86.7	900 1256 1446 1555	25 1658
3939	8.7	15 45.23	3.6824	0.0089	25 45 11.2	6.509	0.505	82.2	745 748 905 1255	25 1659
3940	5.0	15 51.10	3.6696	0.0087	25 17 17.9	6.517	0.503	82.2	741 1060	25 1660
3941	8.8	7 16 2.22	+3.7030	−0.0092	+26 31 9.2	−6.532	−0.508	88.5	1361 1515 1518	26 1542
3942	9.0	16 3.36	3.7665	0.0101	28 46 39.6	6.534	0.516	76.5	188 358 636	28 1376
3943	7.9	16 9.38	3.7452	0.0098	28 2 1.9	6.542	0.513	80.2	742 744	28 1377
3944	8.9	16 28.31	3.7459	0.0099	28 4 13.5	6.568	0.513	82.2	742 1061	28 1378
3945	9.0	16 28.74	3.7201	0.0095	27 9 10.6	6.569	0.510	73.2	66	— —
3946	9.2	7 16 29.00	+3.7217	−0.0095	+27 12 36.2	−6.569	−0.510	90.2	1556	— —
3947	9.5	16 41.60	3.6880	0.0091	25 59 38.1	6.586	0.505	81.7	821 908	26 1544
3948	9.2	16 46.42	3.6853	0.0091	25 53 51.6	6.593	0.505	82.9	901 906 907 1157	25 1664
3949	6.7	16 46.71	3.7401	0.0099	27 52 38.4	6.593	0.512	80.9	184 1057 1064	27 1374
3950	8.7	16 56.16	3.7321	0.0098	27 35 43.7	6.606	0.511	88.1	5 obs.[5]	27 1376

[1] Z. 180 903 906 1251 1252
[2] » 184 895 1253 1254 1257
[3] Z. 907 1154 1253 1254 1257
[4] » 279 436 901 1158 1159
[5] Z. 184 1060 1890 1891 1893

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
3951	9.0	$7^h\ 16^m\ 58^s.82$	+3ˢ.7469	−0ˢ.0100	+28° 7′ 26″.9	−6″.610	−0″.512	81.2	358 905 1155	28° 1381
3952	8.9	17 5.62	3.7116	0.0094	26 52 5.4	6.619	0.509	87.7	901 1783	26 1547
3953	9.0	17 56.58	3.6583	0.0089	24 56 12.0	6.690	0.500	84.8	5 obs.[1]	24 1648
3954	**4.0**	**17 57.68**	**3.7436**	**0.0101**	**28 2 39.8**	**6.691**	**0.512**		**Fund. Cat.**	**28 1385**
3955	8.7	18 3.67	3.7108	0.0096	26 52 18.5	6.699	0.508	83.2	744 907 1158 1159	26 1552
3956	8.6	7 18 3.97	+3.6662	−0.0090	+25 14 1.7	−6.700	−0.501	83.5	906 1061 1064	25 1669
3957	9.0	18 20.17	3.7998	0.0110	30 0 34.9	6.722	0.519	90.9	1361 1665 1786	30 1500
3958	9.4	18 29.80	3.7608	0.0105	28 40 13.1	6.735	0.513	83.7	821 1257	28 1387
3959	9.3	18 37.49	3.7620	0.0105	28 42 49.7	6.746	0.513	83.2	905 1059	28 1388
3960	8.5	18 37.73	3.6918	0.0095	26 11 58.8	6.746	0.504	87.6	5 obs.[2]	26 1554
3961	9.5	7 18 40.07	+3.7613	−0.0105	+28 41 33.2	−6.749	−0.513	80.2	188 1253	28 1389*
3962	9.0	18 52.65	3.7243	0.0100	27 23 23.1	6.766	0.509	78.4	66 184 741 1255	27 1383
3963	8.8	19 8.43	3.7340	0.0101	27 44 41.2	6.788	0.510	81.5	742 744 1061	27 1385
3964	9.1	19 10.09	3.7795	0.0108	29 20 49.8	6.791	0.515	82.2	901	— —
3965	9.0	19 12.58	3.7790	0.0108	29 19 41.5	6.794	0.515	83.7	901 1155	29 1531
3966	9.2	7 19 14.83	+3.7558	−0.0105	+28 31 23.4	−6.797	−0.512	89.2	1515 1518	28 1390*
3967	9.0	19 17.13	3.7488	0.0104	28 16 37.8	6.800	0.512	91.7	1556 1783	28 1391
3968	8.9	19 17.70	3.7848	0.0109	29 32 6.3	6.801	0.516	80.2	192 748 906 1064	29 1532
3969	8.8	19 29.95	3.8016	0.0112	30 7 10.3	6.818	0.518	88.7	1059 1785	30 1505
3970	8.2	19 31.75	3.7280	0.0101	27 32 46.4	6.820	0.508	77.2	184 439 741	27 1387
3971	8.8	7 19 40.78	+3.7852	−0.0110	+29 33 44.6	−6.833	−0.515	75.8	182 354 441	29 1533
3972	9.1	19 43.50	3.7602	0.0106	28 41 39.7	6.836	0.512	73.7	71 178	28 1392
3973	9.0	19 56.08	3.6862	0.0095	26 2 42.6	6.854	0.502	75.5	77 361 435	26 1561
3974	8.0	20 4.42	3.7274	0.0102	27 32 42.2	6.865	0.508	77.5	7 obs.	27 1389
3975	8.9	20 13.82	3.6964	0.0097	26 25 31.8	6.878	0.503	77.0	191 279(2) 744 748	26 1563
3976	7.3	7 20 19.71	+3.6977	−0.0097	+26 28 38.1	−6.886	−0.504	75.7	190 435	26 1564
3977	7.6	20 19.81	3.7877	0.0112	29 40 32.3	6.886	0.515	74.5	182 192 284	29 1535
3978	8.3	20 25.90	3.6654	0.0093	25 16 44.2	6.894	0.499	75.8	5 obs.[3]	25 1677
3979	9.0	20 51.65	3.7134	0.0100	27 4 14.4	6.930	0.505	77.2	184 745	27 1394
3980	7.1	20 53.98	3.7338	0.0104	27 48 12.7	6.933	0.508	76.2	275 357 439	27 1395
3981	7.7	7 21 4.55	+3.6545	−0.0092	+24 54 10.8	−6.947	−0.497	75.5	183 281 440	24 1665
3982	9.1	21 6.43	3.6548	0.0092	24 55 0.2	6.950	0.497	76.5	183 440 549	24 1666
3983	8.9	21 11.06	3.7077	0.0100	26 52 20.9	6.956	0.505	76.4	190 361 436(2) 443	26 1566
3984	8.5	21 16.79	3.6708	0.0095	25 31 18.6	6.964	0.499	77.9	75 543 738 744	25 1683
3985	6.0	21 33.07	3.7491	0.0107	28 22 25.1	6.986	0.510	75.0	5 obs.[4]	28 1396
3986	8.3	7 21 48.65	+3.7155	−0.0102	+27 10 57.3	−7.008	−0.505	75.7	66 275 362 554	27 1397
3987	9.5	22 2.01	3.7386	0.0106	28 0 58.5	7.026	0.508	82.2	178 1553	28 1399
3988	5.0	22 2.09	3.7429	0.0107	28 10 18.3	7.026	0.509	84.8	5 obs.[5]	28 1400
3989	9.3	22 11.89	3.7904	0.0115	29 50 23.0	7.039	0.514	75.7	192 278 354 438	29 1538
3990	9.4	22 19.71	3.7383	0.0107	28 1 0.0	7.050	0.508	76.7	188 282 434 745	28 1402
3991	8.8	7 22 30.98	+3.7843	−0.0115	+29 38 37.4	−7.065	−0.513	76.4	182 432(2) 441	29 1539
3992	8.0	22 30.98	3.7787	0.0114	29 26 54.1	7.065	0.512	76.6	192 284 746	29 1540
3993	9.2	22 31.75	3.7416	0.0108	28 8 39.4	7.066	0.508	78.9	358 741 748	28 1403
3994	8.5	22 45.94	3.6742	0.0098	25 42 19.7	7.086	0.498	73.9	69 75 180 281	25 1689
3995	9.1	22 46.56	3.7969	0.0117	30 5 10.5	7.087	0.514	81.2	738 816 905	30 1518
3996	8.7[6]	7 22 50.94	+3.6831	−0.0099	+26 2 2.3	−7.093	−0.499	75.0	190 191 279 361	26 1573
3997	8.0	22 53.25	3.7418	0.0109	28 10 1.6	7.096	0.508	78.2	5 obs.[7]	28 1405
3998	9.3	23 5.08	3.6989	0.0101	26 37 38.4	7.112	0.501	78.4	361 435 732 749	26 1574
3999	9.0	23 6.40	3.7772	0.0114	29 25 12.0	7.114	0.512	75.2	278 284	29 1541
4000	9.5	23 8.57	3.7738	0.0114	29 18 12.0	7.117	0.511	78.8	182 744 902	29 1542

[1] Z. 900 1057 1154 1251 1252
[2] » 900 1060 1512 1621 1622
[3] » 75 180 281 543 549
[4] Z. 71 178 188 358 434
[5] » 65 1359 1360 1444 1445
[6] Close double; middle
[7] Z. 71 358 740 742 816

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4001	8.5	$7^h\ 23^m\ 13^s.65$	+3ˢ.7662	−0ˢ.0112	+29° 2′ 20″.9	−7″.124	−0″.510	79.9	192 438 1446	29° 1543
4002	9.3	23 13.72	3.6816	0.0099	25 59 34.1	7.124	0.499	81.2	548 745 1154	26 1575
4003	8.9	23 19.06	3.6683	0.0097	25 29 58.6	7.131	0.497	75.7	75 543	25 1690
4004	9.3	23 21.22	3.6681	0.0097	25 29 42.4	7.134	0.497	78.1	543	— —
4005	8.9[1]	23 21.72	3.6662	0.0097	25 25 28.8	7.135	0.497	75.2	69 183 281 549	25 1691
4006	9.0	7 23 22.44	+3.7438	−0.0109	+28 15 37.6	−7.136	−0.508	74.5	178 188 282	28 1408
4007	8.2	23 26.40	3.7784	0.0115	29 28 33.0	7.141	0.512	80.9	441 895 905 908	29 1544
4008	9.1	23 26.71	3.6999	0.0102	26 40 30.0	7.141	0.502	84.5	191 1517 1555	26 1577*
4009	8.1[2]	23 39.71	3.7329	0.0108	27 52 54.9	7.159	0.507	75.9	8 obs.	27 1403
4010	8.7	23 51.51	3.7671	0.0114	29 5 51.4	7.175	0.509	75.6	5 obs.[3]	29 1546
4011	9.3	7 23 53.41	+3.6687	−0.0098	+25 32 13.0	−7.178	−0.496	80.7	738 817	25 1695
4012	9.0	23 57.23	3.7006	0.0103	26 43 19.6	7.183	0.501	76.2	190 435 436	26 1579
4013	9.3	24 0.35	3.6756	0.0099	25 47 57.6	7.187	0.497	77.2	180 742	25 1696
4014	9.3	24 1.52	3.6710	0.0098	25 37 40.0	7.189	0.496	80.2	745 746	25 1697
4015	8.5	24 2.19	3.6824	0.0100	26 3 0.2	7.190	0.498	78.0	5 obs.[4]	26 1580
4016	8.8	7 24 13.33	+3.6487	−0.0095	+24 47 45.9	−7.205	−0.493	79.2	549 741	24 1685
4017	8.3	24 19.48	3.6478	0.0095	24 45 52.8	7.213	0.493	83.9	183 1358 1359 1360	*24 1686*
4018	9.0	24 22.68	3.7182	0.0107	27 22 33.8	7.218	0.503	75.4	5 obs.[5]	27 1405
4019	8.0	24 29.43	3.7184	0.0107	27 23 21.4	7.227	0.503	75.8	5 obs.[6]	27 1406
4020	9.4	24 35.88	3.7116	0.0106	27 8 42.8	7.236	0.502	81.5	816 817 902	27 1407
4021	9.3	7 24 37.48	+3.7072	−0.0105	+26 59 18.0	−7.238	−0.501	81.2	818	— —
4022	9.5	24 49.59	3.6713	0.0100	25 40 19.1	7.254	0.496	74.7	180 281	25 1699
4023	8.8	25 0.00	3.6918	0.0103	26 26 14.6	7.268	0.499	77.5	191 361 904	26 1584
4024	8.5	25 2.03	3.7324	0.0110	27 54 51.0	7.271	0.505	78.4	184 439 742 906	27 1409
4025	9.0	25 2.39	3.6832	0.0102	26 7 4.7	7.272	0.497	78.5	435 548 744	26 1585
4026	9.1	7 25 5.30	+3.7606	−0.0115	+28 55 24.7	−7.276	−0.508	75.0	6 obs.[7]	28 1409
4027	9.3	25 5.85	3.7066	0.0106	26 59 3.2	7.276	0.501	82.2	749 906 1059	27 1410
4028	9.2	25 7.08	3.6956	0.0104	26 34 51.2	7.278	0.499	90.0	821 1660 1662 1665	26 1586*
4029	9.5	25 16.24	3.7018	0.0105	26 49 1.2	7.290	0.500	80.2	746	— —
4030	8.7	25 16.33	3.7003	0.0105	26 45 35.3	7.291	0.500	79.0	5 obs.[8]	26 1587
4031	8.9	7 25 24.01	+3.7259	−0.0109	+27 41 53.3	−7.301	−0.503	75.6	275 357	27 1411
4032	9.5	25 29.05	3.6701	0.0100	25 39 2.9	7.308	0.495	73.2	75	25 1701*
4033	7.8	25 32.47	3.6899	0.0104	26 22 42.5	7.313	0.498	79.5	190 435 1362	26 1588
4034	8.3	25 35.80	3.6990	0.0105	26 43 28.1	7.317	0.499	79.2	443 548 903	26 1589
4035	8.7	25 40.98	3.6791	0.0102	25 59 40.6	7.324	0.496	82.4	5 obs.[9]	26 1590
4036	9.0	7 25 57.26	+3.6861	−0.0103	+26 16 3.3	−7.346	−0.497	79.0	191 361 435 1446	26 1591
4037	8.7	26 4.85	3.6700	0.0101	25 40 0.3	7.356	0.495	77.4	5 obs.[10]	25 1704
4038	9.1	26 23.45	3.7596	0.0117	28 56 29.9	7.382	0.507	74.7	178 282	28 1413
4039	9.5	26 24.73	3.6737	0.0102	25 48 57.4	7.383	0.495	74.2	183	— —
4040	8.9	26 27.91	3.6557	0.0099	25 8 49.0	7.388	0.492	86.8	543 1621 1622	25 1706
4041	7.7	7 26 40.31	+3.7519	−0.0116	+28 40 42.7	−7.405	−0.505	76.9	188 358 741	28 1415
4042	7.0	26 42.67	3.7596	0.0117	28 57 16.8	7.408	0.506	77.6	9 obs.	28 1416
4043	9.3	26 44.27	3.6991	0.0107	26 46 31.9	7.410	0.498	74.9	190 191 279 356	26 1593
4044	8.7	26 45.17	3.7609	0.0117	29 0 2.6	7.411	0.506	76.0	10 obs.	29 1553
4045	9.3	26 50.52	3.7238	0.0111	27 40 35.9	7.418	0.501	85.2	66 1515 1516 1518	27 1415*
4046	7.7	7 26 52.27	+3.7542	−0.0117	+28 46 18.9	−7.421	−0.505	79.0	5 obs.[11]	28 1417
4047	9.5	26 59.77	3.6990	0.0107	26 46 49.9	7.431	0.498	87.5	279 1783 1890	26 1594
4048	9.0	27 3.61	3.6538	0.0099	25 5 45.5	7.436	0.491	75.4	180 183 281 543	25 1708
4049	7.8	27 8.16	3.7473	0.0116	28 32 1.0	7.442	0.504	82.9	434 744 1358 1359	28 1418
4050	9.0	27 10.23	3.6993	0.0107	26 47 59.9	7.445	0.498	76.2	190 435 436	26 1597

[1] Close double; larger
[2] Close double?
[3] Z. 182 278 284 359 438
[4] » 279 436 443 744 748
[5] Z. 66 184 275 362 554
[6] » 66 275 357 362 554
[7] » 65 71 178 282 434 (2)
[8] » 279 436 746 748 903
[9] Z. 738 740 741 896 1512
[10] » 75 180 281 440 1360
[11] » 188 738 745 748 749

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4051	8.0	$7^h\ 27^m\ 12^s.98$	+3ˢ.6573	−0ˢ.0100	+25° 14′ 9″.1	−7″.449	−0″.492	75.2	75 440	25° 1709
4052	9.3	27 16.32	3.6902	0.0106	26 27 53.3	7.453	0.497	80.2	548 816 821	26 1598
4053	7.4	27 35.55	3.7570	0.0119	28 53 52.1	7.479	0.505	75.2	178 282 358	28 1419
4054	8.5	27 38.72	3.6728	0.0104	25 50 7.4	7.484	0.493	78.2	180 741 742	25 1711
4055	8.4	27 39.54	3.7008	0.0109	26 52 21.6	7.485	0.498	78.5	190 443 817 818	26 1601
4056	9.0	7 27 48.27	+3.7002	−0.0108	+26 51 35.8	−7.497	−0.497	79.7	436 738 740 818	26 1603
4057	9.2	27 53.26	3.7887	0.0124	30 1 30.3	7.503	0.509	85.2	354 1517 1553	30 1531*
4058	9.5	28 10.04	3.6914	0.0107	26 32 50.8	7.526	0.496	77.7	191 361 742 748	26 1604
4059	4.0	28 13.18	3.7083	0.0110	27 10 17.7	7.530	0.498	74.2	66 72 184 357	27 1424
4060	8.4	28 19.30	3.6547	0.0102	25 10 44.9	7.539	0.491	75.4	69 75 281 745	25 1713
4061	9.0	7 28 19.48	+3.7563	−0.0119	+28 54 11.2	−7.539	−0.505	74.8	5 obs.[1]	28 1420
4062	8.9	28 29.96	3.6897	0.0107	26 29 53.1	7.553	0.496	78.2	435 443 743	26 1605
4063	8.9	28 43.04	3.6801	0.0106	26 9 2.0	7.571	0.494	75.2	190 279 356	26 1607
4064	9.2	28 45.68	3.6642	0.0104	25 33 19.7	7.574	0.491	77.8	6 obs.[2]	25 1714
4065	8.7	28 46.69	3.7886	0.0125	30 3 20.6	7.576	0.508	76.0	7 obs.	30 1533
4066	9.0	7 28 47.56	+3.7081	−0.0111	+27 7 25.6	−7.577	−0.496	81.2	9 obs.	27 1426
4067	9.3	29 5.54	3.7342	0.0116	28 8 55.2	7.601	0.501	82.2	903	28 1422*
4068	9.4	29 14.29	3.6533	0.0103	25 9 45.3	7.613	0.490	78.7	6 obs.[3]	25 1715
4069	8.5	29 19.93	3.6567	0.0104	25 17 35.2	7.620	0.490	77.9	75 744 749	25 1716
4070	9.0	29 21.13	3.6758	0.0106	26 0 43.1	7.622	0.493	87.7	1360 1363 1364 1512	26 1610
4071	9.0	7 29 22.07	+3.7251	−0.0115	+27 50 7.3	−7.623	−0.499	75.5	6 obs.[4]	27 1428
4072	9.0	29 27.80	3.6787	0.0107	26 7 46.4	7.631	0.493	78.9	190 191 1446	26 1611
4073	9.3	29 30.43	3.6675	0.0105	25 42 39.7	7.634	0.491	78.2	180 746 748	25 1717
4074	8.9	29 30.88	3.7711	0.0123	29 28 41.2	7.635	0.505	75.6	5 obs.[5]	29 1562
4075	9.1	29 40.14	3.6572	0.0104	25 19 50.7	7.648	0.489	78.2	183 740 741	25 1718
4076	9.4	7 29 41.48	+3.6854	−0.0109	+26 23 10.4	−7.649	−0.494	81.2	818 821	26 1612
4077	9.3	29 55.85	3.7310	0.0116	28 4 3.0	7.669	0.499	89.2	1515 1518	28 1425*
4078	8.2	30 1.84	3.7295	0.0116	28 0 59.2	7.677	0.499	74.5	71 178 358	28 1426
4079	9.3	30 3.76	3.7297	0.0116	28 1 43.7	7.680	0.499	82.7	358 1516	— —
4080	8.9	30 40.29	3.7447	0.0120	28 35 48.3	7.729	0.501	75.9	178 188 282 738	28 1427
4081	9.4	7 30 41.34	+3.7004	−0.0113	+26 59 5.9	−7.730	−0.494	80.2	742 749	— —
4082	9.5	30 42.15	3.6633	0.0106	25 35 59.9	7.731	0.490	74.2	75 180 281	25 1724
4083	9.4	30 44.11	3.7802	0.0127	29 50 56.3	7.734	0.506	75.4	5 obs.[6]	29 1565
4084	8.9	30 45.03	3.7444	0.0121	28 35 21.2	7.735	0.501	76.7	188 282 442 738	28 1428
4085	8.8	30 46.67	3.7035	0.0113	27 3 58.2	7.737	0.494	75.4	66 184 357 554	27 1430
4086	9.1	7 30 46.87	+3.6465	−0.0104	+24 58 2.0	−7.737	−0.487	87.2	1358 1359 1362	25 1725
4087	8.9	30 50.28	3.6567	0.0105	25 21 19.4	7.742	0.488	79.0	440 549 741 748	25 1727
4088	9.3	30 55.15	3.6788	0.0109	26 11 34.8	7.749	0.492	75.4	5 obs.[7]	26 1616
4089	9.2	30 58.23	3.7053	0.0114	27 10 43.1	7.753	0.495	75.2	175 362	27 1432
4090	9.2	31 11.78	3.6751	0.0108	26 3 51.1	7.771	0.491	85.2	356 1517 1553	26 1618*
4091	9.5	7 31 16.13	+3.7514	−0.0122	+28 48 19.0	−7.777	−0.501	78.5	71 744 745 746	28 1431
4092	9.0	31 26.78	3.7568	0.0123	29 3 37.5	7.791	0.502	77.7	278 284 740 743	29 1568
4093	9.4	31 38.11	3.7234	0.0118	27 52 3.0	7.806	0.497	74.5	66 184 357	27 1436
4094	8.9	31 40.91	3.7107	0.0116	27 24 30.1	7.810	0.495	76.4	275 362 439(2)	27 1438
4095	9.0	31 41.80	3.7787	0.0128	29 50 32.8	7.811	0.503	75.7	192 284 354 438	29 1570
4096	9.0	7 31 44.84	+3.7303	−0.0119	+28 7 18.6	−7.815	−0.498	77.7	178 188 748 903	28 1432
4097	9.3	31 45.52	3.6718	0.0109	25 57 45.4	7.816	0.490	74.2	183	— —
4098	9.5	31 58.07	3.7377	0.0121	28 24 10.0	7.833	0.499	80.2	742	— —
4099	9.4	32 3.79	3.7373	0.0121	28 23 23.2	7.841	0.499	78.5	282 741 742	28 1433
4100	8.5	32 11.74	3.6992	0.0114	27 0 25.1	7.852	0.493	76.2	184 554	27 1440

[1] Z. 71 178 188 282 434
[2] » 180 183 543 738 740 744
[3] » 281 543 549 741 743 745
[4] Z. 66 184 275 357 362 554
[5] » 182 278 284 359 438
[6] Z. 182 192 278 354 432
[7] » 190 191 279 361 435

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4101	9.1	7h 32m 11s.79	+3s.6731	−0s.0109	+26° 1′ 47″.0	−7″.852	−0″.490	75.2	190 279 361	26° 1620
4102	9.3	32 21.55	3.7081	0.0116	27 20 27.7	7.865	0.494	80.5	744 745 821	27 1442
4103	8.5	32 26.57	3.7187	0.0117	27 35 59.0	7.871	0.495	80.9	749 818 819	27 1443
4104	8.9	32 34.23	3.7567	0.0125	29 6 32.9	7.882	0.500	74.2	182 192	29 1575
4105	9.0	32 40.26	3.6887	0.0113	26 38 12.2	7.890	0.491	76.5	191 435 436 443	26 1624
4106	9.0[1]	7 32 46.24	+3.7260	−0.0120	+28 0 40.1	−7.898	−0.496	76.2	71 358 434(2) 442	28 1435
4107	9.1	32 48.85	3.7680	0.0128	29 31 11.0	7.901	0.501	76.2	192 432 438	29 1576
4108	9.1	32 49.77	3.7565	0.0125	29 6 46.7	7.903	0.499	76.5	182 278 746	29 1577
4109	8.9	32 52.81	3.7565	0.0125	29 6 59.2	7.907	0.499	76.8	5 obs.[3]	29 1578
4110	9.3	32 53.89	3.7084	0.0117	27 22 19.0	7.908	0.494	81.2	816	27 1444*
4111	9.5	7 33 0.58	+3.7504	−0.0125	+28 54 13.0	−7.917	−0.499	78.2	188 738 741	28 1436
4112	8.7	33 4.49	3.7317	0.0121	28 13 51.3	7.922	0.497	79.8	5 obs.[2]	28 1438
4113	9.0	33 13.03	3.7443	0.0123	28 41 38.3	7.934	0.498	80.2	744	— —
4114	9.0	33 13.36	3.7437	0.0123	28 40 26.7	7.934	0.498	75.8	71 178 744	28 1440
4115	9.1	33 14.42	3.6977	0.0115	26 59 36.2	7.936	0.492	77.9	6 obs.[4]	27 1447
4116	9.0	7 33 15.30	+3.7233	−0.0120	+27 56 9.7	−7.937	−0.497	74.5	66 184 357	27 1446
4117	8.0	33 27.97	3.6512	0.0108	25 15 11.2	7.954	0.485	74.0	5 obs.[5]	25 1738
4118	9.0	33 29.95	3.7203	0.0120	27 50 14.1	7.956	0.494	89.2	1446 1555	27 1449
4119	8.5	33 39.18	3.6754	0.0112	26 10 35.1	7.969	0.488	75.7	6 obs.[6]	26 1625
4120	9.4	34 28.22	3.7102	0.0119	27 30 36.8	8.034	0.492	81.4	5 obs.[7]	27 1451
4121	9.4	7 34 38.21	+3.6735	−0.0113	+26 8 54.6	−8.048	−0.486	76.2	279 361 436	26 1628
4122	9.4	34 38.98	3.6635	0.0112	25 46 25.5	8.049	0.486	75.9	75 183 748	25 1740
4123	9.3	34 41.25	3.7145	0.0121	27 40 47.0	8.052	0.492	76.8	175 357 749	27 1453
4124	9.5	34 43.57	3.7394	0.0125	28 34 59.5	8.055	0.496	79.5	282 821 903	28 1446
4125	8.7	34 46.00	3.7038	0.0119	27 17 8.5	8.058	0.491	83.5	823 1059 1060 1061	27 1454
4126	8.2	7 34 52.10	+3.7542	−0.0128	+29 7 30.2	−8.066	−0.497	78.5	6 obs.[8]	29 1587
4127	8.9	35 3.80	3.7823	0.0134	30 7 34.8	8.082	0.501	75.9	278 284 354 438	30 1553
4128	9.0	35 10.64	3.6761	0.0115	26 16 16.6	8.091	0.487	76.7	361 436	26 1630
4129	9.1	35 10.72	3.7659	0.0131	29 33 24.7	8.091	0.499	89.9	1361 1621 1622	29 1588
4130	9.0	35 19.23	3.7520	0.0128	29 4 2.3	8.102	0.497	93.2	1783 1785	29 1589
4131	9.4	7 35 23.01	+3.7078	−0.0121	+27 27 43.3	−8.107	−0.491	80.2	744 749	27 1457
4132	5.0	35 29.87	3.7550	0.0129	29 11 0.4	8.117	0.497	85.2	354 745 1660 1663	29 1590
4133	9.4	35 34.33	3.6565	0.0111	25 32 54.5	8.122	0.483	80.2	183 819 1154	25 1744
4134	8.9	35 35.60	3.7395	0.0128	28 37 45.7	8.124	0.495	77.9	358 434 746	28 1453
4135	9.5	35 42.21	3.6565	0.0112	25 33 11.1	8.133	0.484	77.2	183 738	25 1745
4136	8.5	7 35 48.76	+3.6918	−0.0119	+26 53 17.1	−8.142	−0.489	82.7	821 823 1063 1064	26 1631
4137	9.1	35 51.90	3.6662	0.0114	25 55 49.0	8.146	0.485	79.8	543 741 820	25 1746
4138	9.3	35 58.73	3.6662	0.0114	25 55 59.4	8.155	0.485	79.1	543 741	— —
4139	9.5	36 2.43	3.6769	0.0116	26 20 14.8	8.160	0.486	94.1	1891 1896	26 1632
4140	8.9	36 9.15	3.7688	0.0133	29 42 1.5	8.169	0.499	75.7	278 354	29 1593
4141	8.9	7 36 27.58	+3.7057	−0.0122	+27 26 17.8	−8.193	−0.489	76.9	184 275 554 745	27 1460
4142	9.0	36 27.74	3.6348	0.0108	24 44 59.2	8.194	0.480	90.2	1555	*24 1756*
4143	6.3	36 29.29	3.6695	0.0115	26 4 46.9	8.196	0.485	84.2	1060 1061 1064	26 1633
4144	9.4	36 32.35	3.6921	0.0119	26 56 3.9	8.200	0.488	82.7	748 1159	26 1634
4145	9.5	36 35.83	3.7069	0.0122	27 29 12.1	8.204	0.489	74.2	184	27 1461*
4146	9.4	7 36 49.37	+3.7068	−0.0122	+27 29 27.9	−8.222	−0.489	89.7	1257 1786	27 1463
4147	8.6	36 52.00	3.7144	0.0124	27 46 36.2	8.226	0.490	81.2	554 823 1061	27 1464
4148	9.1	37 0.77	3.6866	0.0119	26 44 56.1	8.238	0.486	80.7	741 821	26 1637
4149	9.1	37 39.58	3.7485	0.0132	29 3 4.3	8.289	0.494	79.5	432 749 819	29 1594
4150	**1.3**	**37 39.89**	**3.7284**	**0.0128**	**28 19 34.2**	**8.290**	**0.492**		**Fund. Cat.**	**28 1463**

[1] BD 8.8
[2] Z. 278 284 354 441 746
[3] » 442 740 745 749 817
[4] Z. 275 362 439 554 743 748
[5] » 69 75 180 183 281
[6] » 190 191 279 361 435 443
[7] Z. 184 738 816 818 1556
[8] » 278 432(2) 438 441 1362

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
4151	9.0	7h 37m 49s.85	+3s.7425	−0s.0131	+28° 50′ 33″.3	−8″.303	−0″.494	81.5	738 744 823 1060	28° 1464
4152	8.1	37 53.99	3.6733	0.0117	26 17 16.6	8.308	0.484	78.2	435 436 748	26 1638
4153	8.9	37 57.56	3.6404	0.0111	25 2 8.1	8.313	0.479	78.2	183 745 746	25 1751
4154	9.0	37 58.62	3.7480	0.0132	29 2 57.8	8.315	0.494	83.9	354 432 1921 1622	29 1597
4155	8.9	38 11.72	3.6883	0.0120	26 51 51.2	8.332	0.486	78.2	435 436 749	26 1640
4156	8.0	7 38 12.62	+3.6926	−0.0121	+27 1 31.7	−8.333	−0.486	76.2	184 554	27 1470
4157	9.2	38 23.11	3.7537	0.0134	29 16 32.7	8.347	0.494	79.9	278 819 821 903	29 1599
4158	9.4	39 4.95	3.6730	0.0119	26 19 43.6	8.402	0.483	84.7	191 1936	— —
4159	9.5	39 6.20	3.7660	0.0137	29 44 58.7	8.404	0.495	80.2	742 746	29 1603
4160	9.0	39 6.58	3.6725	0.0119	26 18 36.1	8.405	0.483	84.2	190 1890	26 1645
4161	8.6	7 39 20.75	+3.6727	−0.0119	+26 19 42.0	−8.423	−0.483	79.5	190 356 443 1557	26 1647
4162	9.0	39 30.28	3.7695	0.0139	29 53 41.3	8.436	0.495	78.5	192 744 817	29 1606
4163	9.0	39 35.37	3.6422	0.0114	25 10 21.2	8.443	0.478	73.9	69 75 183 281	25 1759
4164	9.5	39 41.23	3.7393	0.0133	28 49 12.0	8.450	0.491	74.2	188	— —
4165	9.5	39 42.62	3.7643	0.0138	29 43 12.5	8.452	0.494	87.2	745 1896	29 1608
4166	9.0	7 39 54.40	+3.6395	−0.0114	+25 4 52.5	−8.468	−0.477	76.5	183 440 549	25 1762
4167	9.5	39 54.85	3.7654	0.0139	29 46 16.8	8.468	0.494	80.6	746 748 821	29 1610
4168	9.5	39 58.23	3.7608	0.0138	29 35 25.7	8.473	0.493	80.2	743	29 1611*
4169	8.8	39 58.82	3.6573	0.0118	25 46 25.8	8.474	0.480	86.8	543 1445 1898	25 1763
4170	9.4	40 4.10	3.7593	0.0137	29 33 25.7	8.481	0.493	78.5	278 742 749	29 1612
4171	9.5	7 40 8.36	+3.6710	−0.0121	+26 17 57.3	−8.486	−0.482	74.2	190	26 1648*
4172	8.7	40 9.99	3.7566	0.0137	29 27 57.1	8.488	0.493	76.8	354 432 438	29 1613
4173	7.5	40 11.98	3.7429	0.0134	28 58 21.1	8.491	0.491	75.9	182 359 441	29 1614
4174	9.2	40 19.68	3.6911	0.0124	27 3 58.6	8.501	0.484	76.2	357	27 1479*
4175	9.0	40 24.26	3.6477	0.0116	25 25 25.1	8.507	0.478	73.9	69 75 281	25 1764
4176	9.5	7 40 34.58	+3.7392	−0.0134	+28 51 34.9	−8.521	−0.490	74.1	178	28 1469*
4177	9.0	40 39.03	3.6698	0.0121	26 16 36.1	8.527	0.481	76.4	279 361 435 (2)	26 1652
4178	7.2	40 41.76	3.7449	0.0135	29 4 16.1	8.530	0.490	74.7	192 284	29 1615
4179	8.6	40 59.34	3.7488	0.0136	29 13 34.9	8.554	0.491	78.9	354 744 745	29 1616
4180	9.2	41 8.86	3.7125	0.0130	27 54 12.1	8.566	0.487	76.2	184 554	27 1482*
4181	9.4	7 41 12.25	+3.7451	−0.0136	+29 6 15.2	−8.571	−0.490	77.7	278 748	29 1618
4182	9.1	41 14.07	3.7361	0.0134	28 46 45.8	8.573	0.489	84.5	282 1516 1518	28 1473*
4183	8.0	41 14.59	3.7390	0.0135	28 52 56.9	8.574	0.490	75.2	71 178 358 434	28 1474
4184	9.1	41 23.55	3.6842	0.0125	26 51 48.0	8.586	0.482	76.2	7 obs.[1]	26 1654*
4185	8.3	41 29.87	3.7361	0.0135	28 47 22.1	8.594	0.489	75.5	188 282 442	28 1476
4186	9.3	7 41 31.73	+3.7461	−0.0137	+29 9 18.1	−8.596	−0.490	88.2	747 1665 1669	29 1619*
4187	9.5	41 38.10	3.6306	0.0115	24 48 40.8	8.605	0.475	93.7	1787 1899	24 1776
4188	8.6	41 45.58	3.6890	0.0126	27 3 38.4	8.615	0.482	74.7	66 72 357 362	27 1485
4189	7.4	41 47.19	3.6301	0.0115	24 47 55.7	8.617	0.475	87.5	1358 1359 1446	24 1777
4190	9.5	41 54.59	3.7108	0.0130	27 52 49.0	8.626	0.485	74.7	184 280	27 1486
4191	8.5	7 41 56.29	+3.6453	−0.0118	+25 24 8.5	−8.629	−0.476	75.5	6 obs.[2]	25 1768
4192	9.0	41 58.87	3.6773	0.0124	26 37 49.0	8.632	0.480	74.2	548 1360 1364	26 1655
4193	9.0	42 2.19	3.7318	0.0135	28 39 39.3	8.636	0.488	75.9	188 358 434	28 1480
4194	7.0	42 9.56	3.6756	0.0124	26 34 28.5	8.646	0.480	83.7	191 548 1621 1622	26 1656
4195	9.1	42 10.37	3.7070	0.0130	27 45 19.7	8.647	0.484	76.5	275 362 554	27 1488
4196	9.1	7 42 11.74	+3.6740	−0.0124	+26 30 46.4	−8.649	−0.480	84.0	8 obs.	26 1657
4197	7.2	42 12.37	3.7274	0.0134	28 30 35.6	8.650	0.487	75.7	178 442	28 1482
4198	7.9	42 13.26	3.7048	0.0130	27 40 26.2	8.651	0.484	74.5	66 72 439	27 1490
4199	8.7	42 20.70	3.6827	0.0125	26 50 56.2	8.661	0.481	83.7	190 361 1660 1668	26 1658
4200	9.5	42 26.43	3.7663	0.0143	29 55 42.8	8.668	0.491	80.7	744 816	— —

[1] Z. 191 279 356 361 436(2) 443 [2] Z. 69 75 183 440(2) 549

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4201	9.5	7h 42m 29s.37	+3s.7164	−0s.0132	+28° 7′ 10″.7	−8″.672	−0″.485	94.1	1896 1898 1899	28° 1483
4202	7.9	42 31.36	3.7416	0.0138	29 2 38.4	8.675	0.488	75.2	5 obs.[1]	29 1622
4203	9.0	42 35.98	3.7662	0.0143	29 55 52.6	8.681	0.491	79.5	9 obs.	29 1623
4204	8.8	42 47.12	3.6299	0.0116	24 50 26.2	8.696	0.473	89.2	1362 1554 1555	24 1783
4205	9.1	42 50.36	3.7672	0.0144	29 58 50.4	8.700	0.491	78.7	441 745	30 1579
4206	8.3	7 43 23.37	+3.6441	−0.0119	+25 25 26.4	−8.743	−0.474	74.8	5 obs.[2]	25 1773
4207	8.8	43 30.14	3.7158	0.0134	28 8 43.9	8.752	0.484	75.2	6 obs.[3]	28 1488
4208	8.7	43 34.84	3.6763	0.0126	26 40 21.5	8.758	0.478	75.6	5 obs.[4]	26 1661
4209	7.3	43 38.86	3.7521	0.0142	29 28 56.9	8.763	0.488	74.5	182 192 284	29 1624
4210	9.1	43 47.18	3.7448	0.0140	29 13 20.6	8.774	0.487	79.9	278 438 1360	29 1625
4211	9.3	7 44 2.52	+3.7564	−0.0143	+29 39 23.5	−8.794	−0.489	80.2	742 746 747	29 1626
4212	8.2	44 5.85	3.7521	0.0142	29 29 46.1	8.799	0.488	78.0	6 obs.[5]	29 1628
4213	9.5	44 13.29	3.7633	0.0145	29 54 50.8	8.809	0.490	78.9	284 745 816	29 1630
4214	8.0	44 14.51	3.6362	0.0119	25 8 16.8	8.810	0.472	80.2	5 obs.[6]	25 1778
4215	9.0	44 14.90	3.6368	0.0119	25 10 36.8	8.811	0.473	75.7	75 183 440 543	25 1779
4216	9.3	7 44 23.81	+3.6410	−0.0120	+25 20 52.6	−8.822	−0.473	79.4	543 549 747 820	25 1780
4217	9.5	44 41.47	3.7120	0.0135	28 4 2.2	8.845	0.481	73.2	71	28 1492*
4218	9.5	44 44.46	3.7396	0.0140	29 5 1.4	8.849	0.485	78.2	192 354 746 902	29 1633
4219	9.4	44 50.57	3.6283	0.0118	24 47 31.3	8.857	0.470	80.9	281 742 1361	24 1790
4220	8.9	44 55.91	3.7659	0.0146	30 2 38.7	8.864	0.488	76.2	5 obs.[7]	30 1590
4221	9.0	7 44 58.65	+3.6998	−0.0133	+27 37 28.8	−8.868	−0.480	75.8	8 obs.	27 1497
4222	8.9	45 10.33	3.6633	0.0125	26 15 0.5	8.883	0.475	75.0	190 191 279 361	26 1665
4223	9.0	45 13.00	3.7113	0.0135	28 3 55.8	8.887	0.481	77.9	71 188 434 1362	28 1494
4224	9.5	45 21.22	3.7410	0.0141	29 9 54.5	8.897	0.485	81.2	816	29 1638*
4225	9.5	45 28.86	3.7375	0.0140	29 2 44.2	8.907	0.485	82.2	902	29 1639*
4226	8.3	7 45 33.31	+3.7154	−0.0136	+28 14 7.6	−8.913	−0.481	82.4	5 obs.[8]	28 1496
4227	7.2	45 37.41	3.7190	0.0137	28 22 20.1	8.919	0.482	76.2	282 364 434	28 1497
4228	9.0	45 46.85	3.6504	0.0124	25 46 42.4	8.931	0.473	87.2	1358 1359 1364	25 1783
4229	5.0	45 50.66	3.6844	0.0130	27 5 14.3	8.936	0.477	74.8	5 obs.[9]	27 1499
4230	8.0	46 5.65	3.6789	0.0130	26 53 29.8	8.956	0.477	76.0	6 obs.[10]	26 1668
4231	9.1	7 46 15.17	+3.6312	−0.0120	+25 3 15.3	−8.968	−0.470	89.8	8 obs.	25 1785*
4232	8.3	46 16.60	3.7497	0.0144	29 32 6.8	8.970	0.485	75.7	192 284 354 432	29 1641
4233	9.1	46 20.51	3.6328	0.0121	25 7 11.7	8.975	0.470	74.8	5 obs.[11]	25 1786
4234	9.2	46 31.41	3.7133	0.0138	28 12 30.4	8.989	0.480	76.6	5 obs.[12]	28 1499
4235	9.3	46 34.98	3.7368	0.0143	29 4 46.8	8.994	0.483	82.2	902	29 1643*
4236	9.5	7 46 35.50	+3.6539	−0.0126	+25 57 25.0	−8.995	−0.472	78.0	190 191 279 1446	26 1671
4237	8.7	46 43.98	3.7433	0.0144	29 19 31.2	9.005	0.484	75.8	5 obs.[13]	29 1644
4238	8.5	46 51.19	3.6674	0.0128	26 29 25.8	9.015	0.474	80.0	548 738(2) 745 823	26 1673
4239	9.1	46 57.96	3.6644	0.0128	26 22 42.5	9.024	0.473	78.9	361 745 746	26 1675
4240	9.5	46 59.10	3.6611	0.0128	26 24 49.2	9.025	0.473	80.2	746 747	26 1674
4241	9.0	7 47 3.10	+3.6426	−0.0124	+25 32 14.3	−9.030	−0.471	78.0	5 obs.[14]	25 1788
4242	9.0	47 3.63	3.6647	0.0128	26 23 30.8	9.031	0.473	78.6	5 obs.[15]	26 1676
4243	7.4	47 24.63	3.7256	0.0142	28 42 39.5	9.058	0.481	76.9	364 434 442	28 1500
4244	8.7	47 28.54	3.6906	0.0134	27 24 15.8	9.063	0.476	75.7	9 obs.	27 1501
4245	9.1	47 32.21	3.6435	0.0124	25 32 36.9	9.068	0.469	81.2	75 1518	25 1791*
4246	8.4	7 47 39.86	+3.7463	−0.0147	+29 29 10.3	−9.078	−0.483	76.9	354 438 441	29 1645
4247	8.7	47 47.76	3.7287	0.0143	28 50 48.9	9.089	0.481	77.2	188 442 749	28 1501
4248	9.4	48 1.11	3.6881	0.0134	27 20 16.5	9.106	0.475	75.1	275	27 1503*
4249	9.4	48 5.28	3.7350	0.0145	29 5 37.2	9.111	0.481	82.2	902	29 1647*
4250	8.6	48 17.22	3.7057	0.0138	28 1 13.8	9.127	0.477	75.4	71 282 364 434	28 1502

[1] Z. 182 192 278 284 438
[2] » 69 75 183 281 549
[3] » 71 178 188 282 434 442
[4] » 190 191 279 436 443
[5] » 182 359 441 748 749(2)
[6] Z. 69 183 281 1516 1518
[7] » 175 278 432 438 441
[8] » 188 442 744 1556 1557
[9] » 66 72 275 357 362
[10] » 190 279 356 361 443(2)
[11] Z. 69 75 183 281 543
[12] » 71 188 282 742 744
[13] » 182 278 284 438 441
[14] » 75 183 281 549 1516
[15] » 191 548 742 744 748

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4251	9.3	$7^h\ 48^m\ 17^s.88$	+3s.7410	−0s.0146	+29° 19′ 33″.1	−9″.128	−0″.482	77.9	182 278 284 1360	29° 1649
4252	7.5	48 29.20	3.6269	0.0122	24 59 34.5	9.142	0.467	75.5	6 obs.[1]	25 1794
4253	9.2	48 30.64	3.7393	0.0146	29 16 24.4	9.144	0.482	76.2	354 359	29 1650
4254	8.6	48 33.10	3.7388	0.0146	29 15 31.6	9.147	0.481	78.0	7 obs.[2]	29 1651
4255	9.4	48 34.54	3.7151	0.0141	28 23 10.7	9.149	0.478	79.0	188 746 749 820	28 1504
4256	9.5	7 48 44.12	+3.7364	−0.0146	+29 10 56.9	−9.162	−0.481	81.2	814	— —
4257	9.5	48 45.76	3.6643	0.0131	26 28 0.5	9.164	0.472	86.2	191 1553 1554 1555	— —
4258	9.5	48 53.54	3.7352	0.0146	29 8 42.7	9.174	0.480	77.2	192 748	29 1652*
4259	9.0	48 59.29	3.7491	0.0149	29 39 41.6	9.181	0.482	80.0	441 747 816 823	29 1653
4260	8.6	49 10.61	3.7545	0.0150	29 51 56.4	9.196	0.483	80.2	5 obs.[3]	29 1654
4261	8.1	7 49 10.88	+3.6663	−0.0131	+26 26 4.1	−9.196	−0.471	76.0	6 obs.[4]	26 1684
4262	9.5	49 17.27	3.6965	0.0138	27 43 29.5	9.205	0.475	75.2	5 obs.[5]	27 1510
4263	7.8	50 0.53	3.6981	0.0139	27 49 17.0	9.261	0.475	75.9	7 obs.	27 1513
4264	8.9	50 1.69	3.6213	0.0123	24 50 40.0	9.262	0.465	74.9	69 75 281 549	24 1811
4265	8.6	50 6.29	3.7529	0.0151	29 50 56.3	9.268	0.481	74.5	182 192 278	29 1656
4266	9.3	7 50 6.36	+3.6673	−0.0133	+26 39 0.9	−9.268	−0.471	81.2	814 816	26 1687*
4267	8.7	50 21.36	3.7161	0.0143	28 31 3.4	9.288	0.476	75.0	71 188 282 442	28 1511
4268	9.0	50 36.10	3.7439	0.0150	29 33 28.9	9.307	0.480	76.5	354 359 441	29 1658
4269	9.5	50 46.99	3.6359	0.0127	25 27 41.5	9.321	0.465	75.2	69 183 281 549	25 1801
4270	8.7	51 3.64	3.6585	0.0132	26 21 32.5	9.342	0.468	75.9	6 obs.[6]	26 1689
4271	9.4	7 51 13.46	+3.7367	−0.0149	+29 19 49.9	−9.355	−0.478	75.2	192 284 354	29 1659
4272	9.2	51 19.65	3.6583	0.0132	26 21 56.6	9.363	0.468	75.2	5 obs.[7]	26 1691
4273	9.2	51 28.88	3.6871	0.0139	27 29 13.3	9.375	0.472	84.5	275 1516 1518	27 1516*
4274	9.2	51 29.51	3.7336	0.0149	29 6 4.2	9.376	0.477	77.4	182 359 438 902	29 1660
4275	8.7	51 29.97	3.7229	0.0147	28 50 0.6	9.376	0.476	75.4	71 282 364 434	28 1513
4276	9.4	7 51 33.38	+3.7373	−0.0151	+29 22 14.9	−9.381	−0.478	83.8	432 1358 1359	29 1661
4277	8.9	51 37.79	3.7026	0.0143	28 4 45.4	9.386	0.473	76.2	188 434 442	28 1515
4278	9.2	51 37.94	3.6857	0.0139	27 26 10.6	9.386	0.471	76.2	5 obs.[8]	27 1518
4279	8.9	51 41.21	3.7352	0.0150	29 18 0.3	9.391	0.477	79.9	284 438 1362	29 1663
4280	8.7	51 54.78	3.6292	0.0127	25 15 8.5	9.408	0.463	75.0	69 75 183 440(2)	25 1805
4281	9.3	7 52 24.54	+3.6817	−0.0139	+27 19 38.2	−9.446	−0.470	87.5	1360 1361 1446	27 1521
4282	8.9	52 26.13	3.6312	0.0128	25 21 34.1	9.448	0.463	76.5	183 281 746	25 1806
4283	9.5	52 29.85	3.6648	0.0136	26 41 6.0	9.453	0.468	86.2	190 1553 1556 1557	— —
4284	9.4	52 45.00	3.6636	0.0135	26 38 46.4	9.473	0.467	78.9	191 638 814 816	26 1694
4285	7.5	52 47.33	3.7413	0.0153	29 35 30.6	9.476	0.477	75.4	192 278 354 359	29 1664
4286	8.0	7 52 53.51	+3.6309	−0.0129	+25 22 28.1	−9.484	−0.462	77.6	75 183 549 821(2)	25 1810
4287	8.9	53 1.07	3.6362	0.0130	25 35 22.0	9.493	0.463	78.5	281 743 748	25 1811
4288	8.6	53 10.86	3.6455	0.0132	25 57 58.3	9.506	0.464	75.8	5 obs.[9]	26 1696
4289	9.0	53 17.81	3.6452	0.0132	25 57 28.1	9.515	0.464	75.4	191 279 356 361	26 1697
4290	6.6	53 21.87	3.6394	0.0131	25 43 59.0	9.520	0.463	75.7	69 360 367 440	25 1812
4291	9.3	7 53 23.69	+3.6293	−0.0129	+25 19 59.1	−9.522	−0.462	79.6	549 745 746	25 1813
4292	9.4	53 35.97	3.6622	0.0136	26 38 34.3	9.538	0.466	80.9	749 816 820	26 1698
4293	8.7	53 39.99	3.7494	0.0157	29 56 21.5	9.543	0.477	75.3	7 obs.[10]	29 1667
4294	9.5	53 43.44	3.7110	0.0148	28 30 51.1	9.548	0.475	74.2	188	28 1524*
4295	8.2	54 8.44	3.7183	0.0151	28 58 37.6	9.580	0.477	77.2	438 441	29 1668
4296	7.0	7 54 11.27	+3.6307	−0.0130	+25 25 53.8	−9.583	−0.461	74.9	75 183 281 440	25 1816
4297	9.5	54 16.88	3.7244	0.0151	29 3 5.9	9.591	0.473	80.9	746 749 816 902	29 1670
4298	9.4	54 23.19	3.6754	0.0141	27 11 38.2	9.599	0.466	82.7	66 1670	27 1522*
4299	8.7	54 30.79	3.6762	0.0141	27 13 59.7	9.608	0.466	74.2	72 280	27 1523
4300	8.5	54 31.48	3.7102	0.0149	28 31 41.2	9.609	0.470	77.2	188 434 747	28 1527

[1] Z. 69 75 183 440(2) 549
[2] » 192 354 359 432(2) 438 1446
[3] » 182 278 435 1358 1359
[4] » 190 279 356 361 443(2)
[5] Z. 66 72 280 357 554
[6] » 190 191 279 361 443 548
[7] » 190 191 279 356 361
[8] Z. 275 280 357 362 554
[9] » 190 279 356 361 443
[10] » 182 192 278(2) 284 359 432

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4301	8.5	7h 54m 33s.10	+3s.6274	−0s.0130	+25° 19′ 13″.3	−9″.611	−0″.460	82.7	549 1364	25° 1819
4302	8.7	54 33.30	3.6361	0.0132	25 39 49.0	9.612	0.461	83.9	69 1362 1622	25 1818
4303	8.0	54 33.58	3.6697	0.0140	26 58 56.3	9.612	0.465	76.5	275 362 554	27 1524
4304	9.2	54 43.74	3.6244	0.0130	25 12 34.3	9.625	0.459	91.5	1361 1783 1896	25 1820
4305	9.0	54 47.53	3.6245	0.0130	25 13 6.4	9.630	0.459	90.7	1445 1786	25 1821
4306	9.5	7 54 55.67	+3.7463	−0.0157	+29 53 49.1	−9.640	−0.475	80.2	745 748	29 1671
4307	9.0	54 56.16	3.7492	0.0158	30 0 13.4	9.641	0.475	93.5	1788 1791 1900	30 1631
4308	9.5	55 6.14	3.6449	0.0134	26 2 39.9	9.654	0.462	76.5	190 279 745	26 1706
4309	8.5	55 11.68	3.6225	0.0130	25 9 22.4	9.661	0.458	74.2	75 183 281	25 1825
4310	9.2	55 13.69	3.7360	0.0155	29 32 8.2	9.663	0.473	82.2	749 1060	29 1672
4311	8.5	7 55 23.40	+3.6265	−0.0131	+25 19 50.0	−9.676	−0.459	82.0	818 819 821 1061	25 1826
4312	8.9	55 23.66	3.6895	0.0145	27 47 44.0	9.676	0.467	76.5	275 362 554	27 1528
4313	8.2	55 31.18	3.7020	0.0148	28 16 38.3	9.686	0.469	81.2	188 902 1063 1064	28 1529
4314	9.4	55 35.21	3.6367	0.0133	25 44 36.6	9.691	0.460	87.2	816 1792	25 1828
4315	9.5	55 37.19	3.6325	0.0133	25 34 50.7	9.693	0.463	88.2	904 1899	25 1829
4316	8.6	7 55 37.90	+3.6165	−0.0130	+24 56 11.2	−9.694	−0.457	93.5	1786 1790 1898	24 1835
4317	9.5	55 38.21	3.6442	0.0135	26 2 33.5	9.695	0.461	80.2	748	— —
4318	9.5	55 40.84	3.6369	0.0134	25 45 30.6	9.698	0.460	80.7	746 821	— —
4319	7.5	55 42.53	3.6586	0.0138	26 36 52.7	9.700	0.463	75.9	190 279 361 548	26 1707
4320	9.5	55 48.35	3.6395	0.0134	25 52 0.0	9.708	0.460	86.2	549 1901	25 1831
4321	8.7	7 55 48.41	+3.7235	−0.0153	+29 6 4.5	−9.708	−0.470	83.4	354 432(2) 1788 1790	29 1675
4322	**5.0**	**55 50.31**	**3.6980**	**0.0148**	**28 8 34.6**	**9.710**	**0.468**		**Fund. Cat.**	**28 1532**
4323	9.5	55 54.47	3.6398	0.0134	25 53 13.3	9.715	0.460	81.2	819	25 1833*
4324	8.7	56 2.62	3.6855	0.0145	27 40 22.3	9.726	0.466	77.8	275 554 742	27 1529
4325	9.2	56 10.52	3.6970	0.0148	28 7 34.8	9.736	0.467	86.7	745 1792 1896	28 1533
4326	9.0	7 56 11.34	+3.6974	−0.0148	+28 8 32.4	−9.737	−0.467	83.2	5 obs.[1]	28 1534
4327	9.0	56 24.21	3.7109	0.0152	28 40 4.1	9.753	0.469	87.2	818 1787	28 1537
4328	9.1	56 24.88	3.7108	0.0152	28 39 44.3	9.754	0.469	91.2	1362 1783 1787	28 1538
4329	8.9	56 26.59	3.6156	0.0130	24 56 36.8	9.756	0.457	79.2	75 440 1364	24 1838
4330	9.4	56 35.99	3.7278	0.0155	29 18 43.4	9.768	0.471	79.2	354 904	29 1680
4331	8.7	7 56 37.41	+3.7328	−0.0157	+29 30 5.4	−9.770	−0.471	81.9	278 1057 1060 1067	29 1682
4332	8.0	56 38.51	3.6132	0.0130	24 51 26.9	9.772	0.456	76.7	75 281 549 749	24 1840
4333	8.7	57 3.83	3.6911	0.0148	27 57 4.7	9.804	0.466	84.2	1061 1063 1064	28 1541
4334	9.0	57 19.81	3.6672	0.0142	27 2 26.9	9.824	0.463	82.5	554 819 1445	27 1532
4335	8.9[2]	57 23.02	3.7131	0.0153	28 48 29.5	9.828	0.468	75.7	188 442	28 1543
4336	8.8	7 57 25.70	+3.6440	−0.0137	+26 8 3.1	−9.832	−0.459	76.2	190 361 548	26 1711
4337	8.9	57 26.18	3.7100	0.0153	28 41 35.6	9.832	0.468	80.6	5 obs.[3]	28 1544
4338	8.9	57 27.43	3.6261	0.0133	25 25 29.6	9.834	0.456	75.7	183 440	25 1839
4339	9.3	57 27.64	3.7422	0.0161	29 54 3.6	9.834	0.472	85.2	749 1057 1622	29 1684
4340	9.3	57 32.84	3.6760	0.0145	27 23 49.5	9.841	0.463	79.2	552 746	27 1533
4341	9.3	7 57 46.25	+3.7172	−0.0155	+28 59 5.8	−9.858	−0.468	84.2	1060	29 1685*
4342	9.4	57 54.04	3.6261	0.0134	25 26 47.4	9.868	0.456	82.2	904	— —
4343	7.7[4]	57 57.28	3.6880	0.0148	27 52 59.2	9.872	0.464	74.9	72 280 357	27 1536
4344	8.1	57 58.78	3.6516	0.0139	26 28 6.8	9.874	0.460	75.5	190 356 361	26 1713
4345	9.3	57 58.78	3.7341	0.0159	29 37 51.1	9.874	0.470	76.0	5 obs.[5]	29 1686
4346	8.9	7 58 9.06	+3.6108	−0.0131	+24 50 35.1	−9.887	−0.453	75.9	75 183 745	24 1848
4347	9.2	58 13.06	3.6146	0.0132	25 0 2.7	9.892	0.454	75.7	281 360	25 1841*
4348	9.4	58 20.40	3.6778	0.0146	27 30 39.6	9.901	0.462	75.5	66 275 554	27 1537
4349	9.0	58 23.80	3.6568	0.0141	26 41 42.5	9.905	0.460	76.5	191 279 443 638	26 1716
4350	9.3	58 31.55	3.6976	0.0151	28 17 3.7	9.915	0.465	81.2	819	28 1549*

[1] Z. 188 738 902 1258 1791
[2] Close double; middle
[3] Z. 364 742 748 902 1061
[4] Close double; middle
[5] Z. 192 284 354 432 438

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
4351	8.7	$7^h\ 58^m\ 34^s.21$	+3.6368	−0.0137	+25° 50′ 50″.9	− 9.919	−0.456	87.2	1361 1362 1364	25° 1844
4352	9.0	58 38.15	3.6537	0.0141	26 35 14.8	9.924	0.459	75.5	190 191 548	26 1717
4353	9.0	58 39.80	3.6965	0.0151	28 14 55.3	9.926	0.464	79.2	5 obs.[1]	28 1551
4354	9.5	58 47.84	3.6147	0.0133	25 2 19.2	9.936	0.453	80.2	748	25 1845*
4355	9.1	58 54.82	3.6838	0.0149	27 46 49.0	9.945	0.462	76.5	276 362 552	27 1539
4356	8.5	7 58 56.30	+3.6444	−0.0139	+26 13 59.6	− 9.947	−0.457	76.7	279 356 361 638	26 1718
4357	9.0	58 57.68	3.6220	0.0135	25 20 32.7	9.948	0.454	79.9	549 747 814	25 1846
4358	9.3	59 6.39	3.6099	0.0132	24 51 32.6	9.959	0.453	88.6	823 1665 1670	24 1857*
4359	9.5	59 9.49	3.6126	0.0133	25 1 50.0	9.963	0.453	82.2	183 1554	25 1847
4360	9.3	59 12.86	3.6728	0.0147	27 22 6.2	9.968	0.461	75.1	275	27 1540*
4361	9.4	7 59 21.91	+3.6922	−0.0151	+28 7 40.8	− 9.979	−0.463	93.2	1787 1789	28 1553
4362	9.1	59 22.89	3.6943	0.0152	28 12 40.5	9.980	0.463	75.9	71 188 746	28 1554
4363	9.5	59 25.30	3.7399	0.0163	29 56 0.6	9.983	0.469	76.2	182 553	— —
4364	8.4	59 32.21	3.7134	0.0156	28 56 55.3	9.992	0.465	80.7	742 818	29 1688
4365	9.2	59 40.74	3.7068	0.0155	28 42 25.0	10.003	0.463	82.4	6 obs.[2]	28 1555
4366	8.5	7 59 53.67	+3.6929	−0.0152	+28 11 10.5	−10.019	−0.462	79.7	364 442 745 1167	28 1556
4367	8.0	8 0 6.39	3.6715	0.0147	27 22 16.9	10.035	0.459	75.0	7 obs.	27 1541
4368	9.1	0 10.77	3.6143	0.0135	25 5 51.4	10.041	0.452	76.9	68 75 360 1157	25 1851*
4369	9.1	0 13.12	3.6548	0.0143	26 43 28.8	10.044	0.457	76.0	6 obs.[3]	26 1722
4370	9.2	0 15.40	3.6706	0.0147	27 20 46.0	10.047	0.459	76.0	72 357 362 552	27 1542
4371	9.0	8 0 18.79	+3.6866	−0.0151	+27 58 8.3	−10.051	−0.461	93.2	1783 1788	28 1558
4372	8.9	0 34.99	3.7119	0.0158	28 57 26.2	10.071	0.464	78.4	6 obs.[4]	29 1691
4373	8.7	0 35.72	3.6132	0.0135	25 4 29.6	10.072	0.451	73.5	68 75 183	25 1853
4374	9.0	0 47.03	3.6065	0.0134	24 48 51.0	10.086	0.450	80.4	7 obs.	24 1868
4375	8.9	0 47.27	3.7222	0.0160	29 21 27.0	10.087	0.464	78.9	438 640 747	29 1693
4376	8.1	8 0 47.32	+3.6337	−0.0140	+25 54 47.7	−10.087	−0.454	78.2	281 367 750 818	25 1854
4377	7.3	1 10.79	3.6819	0.0151	27 50 30.9	10.116	0.460	76.2	66 280 365 554(2)	27 1544
4378	9.1	1 22.18	3.7338	0.0164	29 49 40.7	10.131	0.466	85.7	1164 1165 1260 1261	29 1695*
4379	9.1	1 24.41	3.6101	0.0135	24 59 51.5	10.134	0.450	86.2	1257 1258 1262	25 1858*
4380	8.5	1 26.36	3.6700	0.0149	27 23 27.2	10.136	0.457	79.2	439 742 748	27 1546
4381	9.5	8 1 28.90	+3.6718	−0.0149	+27 27 55.7	−10.139	−0.457	90.2	1556	— —
4382	9.4	1 38.95	3.6665	0.0148	27 15 54.4	10.152	0.457	81.2	824	27 1547*
4383	9.3	1 42.47	3.6655	0.0148	27 13 44.4	10.156	0.456	77.2	280 357 745	27 1549
4384	6.7	1 51.25	3.7230	0.0163	29 27 22.5	10.167	0.463	76.0	5 obs.[5]	29 1696
4385	8.8	1 53.02	3.6995	0.0156	28 33 36.6	10.169	0.461	75.7	6 obs.[6]	28 1562
4386	8.0	8 1 54.44	+3.6142	−0.0137	+25 11 21.8	−10.171	−0.450	75.2	183 281 360	25 1860
4387	9.1	1 56.13	3.6084	0.0136	24 57 13.6	10.173	0.449	88.5	746 1661 1787	25 1861
4388	9.3	2 2.90	3.6087	0.0136	24 58 12.6	10.182	0.449	79.0	6 obs.[7]	25 1862
4389	8.0	2 9.60	3.6320	0.0141	25 55 23.0	10.190	0.452	79.0	7 obs.[8]	25 1864
4390	7.6	2 14.06	3.7234	0.0163	29 29 24.4	10.196	0.463	74.5	182 192 284	29 1698
4391	9.2	8 2 23.67	+3.7341	−0.0166	+29 54 28.2	−10.208	−0.465	79.0	354 553 745 823	29 1699
4392	7.8	2 36.55	3.6698	0.0150	27 27 13.3	10.224	0.456	75.5	7 obs.	27 1554
4393	6.9	2 39.66	3.6384	0.0143	26 12 37.1	10.228	0.452	76.2	7 obs.[9]	26 1728
4394	8.7	2 44.81	3.6395	0.0143	26 15 30.8	10.234	0.452	76.2	191 279 638	26 1730
4395	9.2	2 44.97	3.6386	0.0143	26 13 32.7	10.235	0.452	82.2	190 356 1516 1518	26 1729*
4396	9.0	8 2 45.94	+3.7314	−0.0166	+29 49 35.5	−10.236	−0.463	75.9	192 354 438	29 1701
4397	6.0	2 55.35	3.6299	0.0141	25 53 5.3	10.248	0.451	75.0	68 183 360 367	25 1865
4398	9.2	3 4.83	3.6099	0.0136	25 4 46.2	10.260	0.448	81.9	6 obs.[10]	25 1866
4399	9.1	3 11.62	3.6087	0.0136	25 2 24.8	10.268	0.448	82.7	281 1557	25 1867*
4400	9.5	3 28.45	3.7234	0.0165	29 34 23.7	10.289	0.462	80.2	747 748 749	29 1704

[1] Z. 434 442 742 746 820
[2] » 188 282 749 1257 1516 1518
[3] » 190 191 279 356 443 638
[4] » 71 282 364 432 748 1446
[5] Z. 182 192 284 438 640
[6] » 71 188 282 434(2) 442
[7] » 281 440 743 747 749 825
[8] Z. 75 367 748 750 814 822(2)
[9] » 190 191 279 356 443(2) 638
[10] » 75 440 746 826 1517 1553

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4401	9.5	8h 3m 31s.12	+3s.6877	−0s.0156	+28° 12′ 18″.2	−10″.292	−0″.457	74.7	188 282	— —
4402	9.2	3 39.63	3.7313	0.0167	29 52 58.4	10.303	0.462	78.9	182 438 1159	29° 1705
4403	9.4	3 45.10	3.6868	0.0156	28 11 9.1	10.310	0.457	81.2	820	— —
4404	9.1	3 45.49	3.7110	0.0162	29 7 14.7	10.310	0.459	77.7	432 553	29 1706
4405	9.1	3 46.69	3.6352	0.0144	26 8 48.9	10.312	0.449	77.2	5 obs.[1]	26 1733
4406	9.3	8 3 49.74	+3.6193	−0.0140	+25 30 20.4	−10.316	−0.448	76.5	68 360 746	25 1869
4407	9.3	4 14.20	3.6586	0.0150	27 6 22.2	10.346	0.453	76.1	9 obs.	27 1557
4408	9.0	4 19.15	3.6153	0.0140	25 22 31.5	10.352	0.447	80.7	183 549 1165(2)	25 1871
4409	9.2	4 19.83	3.6991	0.0160	28 41 48.3	10.353	0.458	82.2	188 1554	28 1565*
4410	9.5	4 32.99	3.7339	0.0169	30 2 16.4	10.370	0.462	78.9	284 745 826	30 1658
4411	8.7	8 4 33.28	+3.6193	−0.0141	+25 33 3.3	−10.370	−0.447	74.5	68 75 440	25 1872
4412	8.5	4 38.39	3.7098	0.0163	29 7 42.5	10.377	0.458	77.7	182 432 640 747	29 1709
4413	9.3	4 49.06	3.6390	0.0146	26 21 47.3	10.390	0.449	75.9	191 279 556	26 1737
4414	7.7	4 53.69	3.7110	0.0164	29 11 27.6	10.396	0.458	82.2	354 749 1260 1261	29 1712
4415	9.1	4 54.62	3.6014	0.0137	24 50 13.0	10.397	0.445	85.6	1166 1167 1262	24 1878*
4416	8.2	8 4 59.81	+3.7298	−0.0168	+29 54 45.7	−10.403	−0.461	79.2	6 obs.[2]	29 1713
4417	8.5	5 5.21	3.6446	0.0148	26 35 42.8	10.410	0.450	77.2	356 443(2) 556	26 1742
4418	9.3	5 11.44	3.6291	0.0144	25 59 15.1	10.418	0.448	79.4	7 obs.	26 1743
4419	5.7	5 23.87	3.7322	0.0169	30 1 45.3	10.433	0.460	75.4	6 obs.[3]	30 1664
4420	9.2	5 32.42	3.7299	0.0170	29 57 6.7	10.444	0.460	85.9	1159 1257 1258	30 1665
4421	9.0	8 5 33.33	+3.6212	−0.0143	+25 41 16.3	−10.445	−0.446	78.0	68 75 281 1559	25 1875
4422	8.4	5 50.72	3.6957	0.0162	28 39 52.9	10.467	0.452	77.8	7 obs.[4]	28 1569
4423	9.3	6 4.03	3.6601	0.0153	27 17 1.2	10.483	0.451	73.8	66 72 280	27 1560
4424	9.0	6 7.37	3.6295	0.0145	26 3 32.7	10.488	0.446	76.3	8 obs.	26 1746
4425	8.7	6 7.40	3.6056	0.0140	25 4 51.6	10.488	0.444	75.0	5 obs.[5]	25 1878
4426	9.3	8 6 12.80	+3.6610	−0.0153	+27 19 29.0	−10.494	−0.451	84.2	357 1665	27 1561*
4427	7.6	6 14.69	3.6819	0.0158	28 9 11.0	10.497	0.453	78.8	188 442 559(2) 1263	28 1570
4428	8.3	6 25.36	3.6651	0.0154	27 30 13.3	10.510	0.451	75.8	5 obs.[6]	27 1563
4429	9.0	6 59.83	3.6809	0.0159	28 9 51.5	10.553	0.452	74.7	188 282	28 1571
4430	7.6	7 3.52	3.6541	0.0153	27 6 26.5	10.557	0.448	74.8	66 280 357	27 1566
4431	8.0	8 7 6.76	+3.6649	−0.0155	+27 32 21.6	−10.561	−0.449	76.9	362 365 552	27 1567
4432	8.7	7 14.23	3.6048	0.0141	25 6 42.2	10.570	0.442	73.7	68 75 82 281	25 1880
4433	8.2	7 16.12	3.6631	0.0155	27 28 44.9	10.573	0.449	82.7	275 1556	27 1568
4434	8.9	7 38.77	3.5946	0.0139	24 42 57.5	10.601	0.442	85.2	1159 1164 1165	*24 1887*
4435	9.5	7 39.40	3.7068	0.0167	29 12 46.6	10.602	0.454	76.0	192 284 354 553	29 1721
4436	9.0	8 7 40.08	+3.6785	−0.0160	+28 6 54.0	−10.602	−0.451	77.9	9 obs.	28 1573
4437	9.4	7 43.07	3.5961	0.0139	24 46 46.8	10.606	0.441	80.9	748 824 826	24 1890
4438	9.0	7 52.28	3.6627	0.0156	27 29 58.4	10.618	0.449	75.2	6 obs.[7]	27 1571
4439	9.4	7 57.39	3.6138	0.0144	25 31 54.7	10.624	0.443	86.9	360 1668 1674	25 1884*
4440	9.5	8 14.43	3.7201	0.0171	29 45 31.1	10.645	0.455	74.7	192 284	29 1723
4441	8.4	8 8 14.54	+3.7270	−0.0173	+30 1 24.8	−10.645	−0.456	77.1	9 obs.	30 1677
4442	9.1	8 21.67	3.6126	0.0144	25 30 16.7	10.654	0.442	73.9	68 82 281	25 1886
4443	9.2	8 27.29	3.6591	0.0156	27 23 38.6	10.661	0.447	91.2	1553 1666	27 1572*
4444	9.4	8 38.15	3.6507	0.0154	27 4 1.0	10.674	0.446	80.2	748	— —
4445	8.7	8 39.86	3.6939	0.0165	28 46 52.9	10.676	0.452	75.5	71 282 559	28 1575
4446	8.8	8 8 48.70	+3.6017	−0.0142	+25 4 34.5	−10.687	−0.440	78.2	75 82 440 1559	25 1888
4447	9.2	8 59.78	3.6468	0.0154	26 55 22.2	10.701	0.445	75.9	7 obs.	26 1754
4448	9.0	9 10.32	3.7181	0.0172	29 44 40.6	10.714	0.454	78.4	6 obs.[8]	29 1727
4449	9.5	9 32.46	3.7228	0.0174	29 57 7.3	10.741	0.454	74.9	182 192 354	30 1681
4450	9.1[9]	9 44.49	3.6410	0.0153	26 45 5.3	10.756	0.443	76.5	185 356 361 638	26 1759

[1] Z. 190 191 361 750 824
[2] » 438 441 553 750 822(2)
[3] » 73 182 192 284 354 640
[4] Z. 71 188 282 434(2) 442 1558
[5] » 68 75 281 360 440
[6] » 72 275 362 365 552
[7] Z. 66 72 275 280 365 552
[8] » 73 441 553 742 747 824
[9] Close double; middle

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4451	7.7	8h 9m 46s.73	+3s.6578	−0s.0157	+27° 25′ 55″.8	−10″.759	−0″.445	77.4	5 obs.[1]	27° 1575
4452	9.0	9 48.40	3.5998	0.0142	25 3 40.1	10.761	0.438	73.7	68 75 82 281	25 1891
4453	7.7	9 55.63	3.6665	0.0160	27 47 9.4	10.770	0.446	76.9	357 362 552	27 1576
4454	7.2	10 7.00	3.6032	0.0144	25 13 18.0	10.784	0.438	79.2	360 367 1159	25 1892
4455	9.1	10 10.20	3.6602	0.0158	27 33 10.3	10.788	0.445	80.8	275 280 1675	27 1577
4456	9.0	8 10 10.35	+3.6939	−0.0167	+28 52 52.7	−10.788	−0.449	74.9	71 188 442	28 1579
4457	9.2	10 10.45	3.7113	0.0172	29 33 26.0	10.788	0.451	75.2	178 284 363	29 1729
4458	8.2	10 15.61	3.6176	0.0148	25 49 34.7	10.794	0.440	80.7	10 obs.	25 1893
4459	9.0	10 21.52	3.6506	0.0157	27 10 43.0	10.802	0.444	75.2	72 357 365	27 1578
4460	8.0	10 32.77	3.7083	0.0172	29 27 53.6	10.815	0.450	76.5	7 obs.[2]	29 1730
4461	7.1	8 10 33.09	+3.6412	−0.0154	+26 48 36.5	−10.816	−0.443	77.2	9 obs.	26 1760
4462	9.5	10 45.03	3.6416	0.0155	26 50 4.2	10.830	0.442	91.6	1554 1665 1670	— —
4463	9.0	10 46.04	3.6160	0.0149	25 47 37.2	10.832	0.439	73.9	68 75 281	25 1896
4464	8.8	10 49.02	3.6997	0.0170	29 9 3.6	10.835	0.449	77.0	7 obs.[3]	29 1731
4465	8.5	10 49.04	3.6755	0.0163	28 12 9.6	10.835	0.447	75.9	188 282 434(2)	28 1581
4466	9.4	8 10 49.72	+3.6464	−0.0156	+27 2 17.3	−10.836	−0.442	80.2	552 742 824 826	27 1581
4467	9.4	11 4.58	3.6591	0.0159	27 33 55.1	10.854	0.444	76.2	362	— —
4468	8.9	11 10.18	3.6746	0.0164	28 11 32.1	10.861	0.446	74.9	71 188 442	28 1582
4469	8.8	11 11.07	3.6636	0.0161	27 45 17.2	10.862	0.445	74.5	66 275 280	27 1582
4470	9.1	11 14.39	3.6377	0.0154	26 42 32.2	10.866	0.441	75.7	190 279 361 443	26 1761
4471	7.1	8 11 21.58	+3.6378	−0.0154	+26 43 23.1	−10.875	−0.441	76.0	185 279 361 556	26 1762
4472	8.9	11 38.20	3.6554	0.0159	27 27 7.0	10.896	0.443	75.9	72 357 552	27 1585
4473	8.3	11 44.85	3.6845	0.0167	28 36 54.3	10.904	0.446	76.9	282 442 559	28 1583
4474	9.0	11 51.58	3.5994	0.0145	25 10 21.3	10.912	0.436	74.2	75 82 360	25 1897
4475	8.3	11 57.74	3.6443	0.0156	27 1 42.9	10.920	0.441	80.8	9 obs.	27 1586
4476	9.3	8 12 2.85	+3.5867	−0.0142	+24 38 48.7	−10.926	−0.434	89.4	5 obs.[4]	*24 1905**
4477	8.4	12 3.26	3.6037	0.0146	25 21 51.7	10.926	0.436	76.6	5 obs.[5]	25 1898
4478	9.3	12 4.47	3.5863	0.0142	24 37 56.6	10.928	0.434	91.2	1159 1899 1900	*24 1906*
4479	8.4	12 22.34	3.5980	0.0145	25 8 40.8	10.950	0.435	74.4	5 obs.[6]	25 1899
4480	9.0	12 24.55	3.6895	0.0170	28 51 35.6	10.952	0.446	74.9	71 188 442	28 1584
4481	8.1	8 12 26.03	+3.6492	−0.0158	+27 15 26.5	−10.954	−0.441	78.2	66 72 822(2)	27 1588
4482	5.7	12 28.10	3.6581	0.0161	27 37 11.9	10.957	0.442	79.0	365 639 747 750	27 1589
4483	8.9	12 31.35	3.6369	0.0155	26 45 39.1	10.961	0.439	75.9	7 obs.	26 1764
4484	9.3	12 42.12	3.7161	0.0177	29 54 52.4	10.974	0.449	75.7	6 obs.[7]	29 1735
4485	8.3	12 46.92	3.6151	0.0150	25 53 17.4	10.980	0.436	85.2	6 obs.[8]	25 1901
4486	9.3	8 12 47.61	+3.6517	−0.0160	+27 23 4.0	−10.980	−0.440	84.8	275 1519 1553	— —
4487	8.8	13 8.90	3.6507	0.0160	27 21 36.9	11.006	0.440	77.4	275 280 552 819	27 1592
4488	7.5	13 11.02	3.6107	0.0149	25 43 41.8	11.009	0.435	78.7	281 367 440 1263	25 1903
4489	9.0	13 28.57	3.6780	0.0168	28 28 49.7	11.030	0.443	74.2	71 188 282	28 1588
4490	8.7	13 29.00	3.6596	0.0162	27 44 44.2	11.031	0.441	75.5	66 357 362 365	27 1594
4491	8.5	8 13 40.34	+3.6339	−0.0156	+26 43 8.7	−11.045	−0.437	75.4	5 obs.[9]	26 1766
4492	9.0	13 45.09	3.5958	0.0146	25 8 19.4	11.051	0.432	93.2	1787 1788	25 1905
4493	9.0	13 48.29	3.5990	0.0148	25 16 41.1	11.054	0.433	78.2	6 obs.[10]	25 1906
4494	8.3	13 53.63	3.6958	0.0173	29 12 38.8	11.061	0.445	76.7	12 obs.	29 1739
4495	8.3	13 54.06	3.6542	0.0162	27 33 28.5	11.061	0.440	77.7	72 559 639 748	27 1596
4496	8.8	8 14 14.72	+3.6605	−0.0164	+27 49 57.4	−11.086	−0.440	74.8	66 280 362	27 1597
4497	8.5	14 41.38	3.6227	0.0155	26 19 10.1	11.119	0.434	74.4	185 190 191 279	26 1768
4498	8.9	14 53.81	3.6397	0.0159	27 1 55.8	11.134	0.436	79.6	5 obs.[11]	27 1598
4499	7.6	15 12.02	3.6614	0.0166	27 55 15.4	11.156	0.439	76.2	72 280 748	27 1599
4500	8.2	15 12.73	3.6173	0.0154	26 8 4.8	11.157	0.433	75.5	190 191 193 638	26 1770

[1] Z. 66 72 280 639 1263
[2] » 73 192 438(2) 441 560(2)
[3] » 182 354 432(2) 441 553 640
[4] » 1166 1167 1666 1668 1674
[5] Z. 68 281 367 440 820
[6] » 68 75 82 360 367
[7] » 73 192 284 354 438 553
[8] » 749(2) 750 1556 1557 1558
[9] Z. 185 190 191 356 556
[10] » 75 82 742 747 820 824
[11] » 552 559 747 750 826

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4501	9.1	8h 15m 19s.14	+3s.6292	−0s.0157	+26° 38′ 1″.3	−11″.165	−0″.435	85.2	1159 1164 1165	26° 1771*
4502	8 4	15 28.24	3.6499	0.0163	27 29 29.5	11.176	0.437	78.2	365 552 747	27 1601
4503	9.0	15 30.01	3.6426	0.0161	27 11 37.5	11.178	0.436	78.9	357 746 749	27 1602
4504	9.5	15 37.59	3.6462	0.0162	27 21 3.3	11.187	0.436	81.2	5 obs.[1]	27 1603
4505	9.2	16 4.70	3.6021	0.0151	25 33 22.0	11.220	0.431	87.2	1167 1260 1553	25 1910*
4506	8.9	8 16 6.25	+3.6519	−0.0164	+27 36 56.6	−11.222	−0.437	74.7	66 72 280 439	27 1604
4507	9.1	16 8.83	3.6003	0.0151	25 28 58.8	11.225	0.430	86.2	1257 1263	25 1911*
4508	8.8	16 17.75	3.6386	0.0161	27 5 6.6	11.236	0.435	77.6	365 552 559	27 1605
4509	8.9	16 18.89	3.5938	0.0149	25 13 9.2	11.237	0.429	75.1	7 obs.[2]	25 1912
4510	9.1	16 25.83	3.6322	0.0159	26 49 56.5	11.245	0.434	75.6	5 obs.[3]	26 1776
4511	8.6	8 16 37.98	+3.6893	−0.0175	+29 9 7.5	−11.260	−0.440	76.3	14 obs.	29 1747
4512	8.2	16 49.26	3.6324	0.0160	26 52 0.7	11.274	0.433	74.2	185 191 193	26 1778
4513	8.7	16 50.08	3.6445	0.0164	27 22 1.0	11.275	0.434	75.9	280 362 365	27 1606
4514	9.1	16 58.90	3.6077	0.0154	25 51 6.2	11.285	0.430	87.9	1165 1516 1519	25 1915*
4515	9.1	17 3.68	3.5833	0.0147	24 49 9.7	11.291	0.428	88.5	1262 1517 1554	24 1919*
4516	9.0	8 17 15.46	+3.5894	−0.0149	+25 5 48.8	−11.305	−0.428	74.2	5 obs.[4]	25 1916
4517	9.1	17 22.83	3.6833	0.0175	28 58 6.1	11.314	0.439	74.9	79 188 442	29 1748*
4518	9.0	17 23.98	3.6780	0.0173	28 45 33.3	11.316	0.438	74.0	71 79 188 282	28 1598
4519	9.1	17 25.82	3.6019	0.0152	25 38 12.9	11.318	0.429	88.7	1364 1556	25 1917*
4520	8.4	17 28.67	3.6578	0.0168	27 57 3.4	11.321	0.436	81.9	749(2) 1159	28 1599
4521	8.4	8 17 37.33	+3.7105	−0.0182	+30 3 17.6	−11.332	−0.441	82.2	354 820(2) 1257 1258	30 1706
4522	7.8	17 51.82	3.5804	0.0148	24 45 11.4	11.349	0.425	86.9	1166 1167 1559	*24 1921*
4523	8.9	18 5.56	3.6264	0.0160	26 42 31.6	11.365	0.431	76.0	6 obs.[5]	26 1780
4524	9.5	18 15.78	3.5995	0.0153	25 35 25.5	11.378	0.427	90.3	1558	25 1918*
4525	7.7	18 27.39	3.6831	0.0175	29 2 4.6	11.392	0.437	75.5	8 obs.	29 1753
4526	8.0	8 18 29.15	+3.6773	−0.0174	+28 48 27.8	−11.394	−0.436	73.9	71 79 282	28 1600
4527	8.5	18 43.01	3.6304	0.0163	26 55 1.4	11.410	0.430	74.6	76 193 356	26 1782
4528	9.5	18 44.15	3.6191	0.0158	26 21 4.4	11.412	0.429	75.7	185 190 361 556	26 1783
4529	6.1	18 51.43	3.6641	0.0171	28 18 10.6	11.421	0.434	82.7	6 obs.[6]	28 1602
4530	9.2	19 1.55	3.6108	0.0157	26 6 54.6	11.433	0.427	87.9	638 1668 1669	26 1784*
4531	8.4	8 19 3.99	+3.6679	−0.0172	+28 28 10.1	−11.436	−0.434	75.5	71 282 559	28 1603
4532	5.5[7]	19 13.41	3.6398	0.0165	27 20 29.0	11.447	0.431	76.5	7 obs.	27 1612
4533	6.9	19 13.64	3.5828	0.0150	24 56 36.8	11.447	0.425	77.2	6 obs.[8]	25 1920
4534	7.5	19 14.10	3.5828	0.0150	24 56 40.9	11.448	0.425	85.9	68 1665 1670	
4535	8.5	19 24.16	3.7053	0.0183	29 58 57.4	11.460	0.439	85.2	6 obs.[9]	30 1709
4536	9.0	8 19 45.56	+3.6099	−0.0158	+26 8 0.4	−11.485	−0.426	75.2	5 obs.[10]	26 1786
4537	9.1	19 45.86	3.5965	0.0154	25 33 53.5	11.486	0.425	92.3	1675	25 1921*
4538	9.5	19 46.82	3.5915	0.0153	25 21 13.3	11.487	0.424	86.2	82 1666 1787	25 1922
4539	8.8	19 58.16	3.6364	0.0165	27 15 17.2	11.500	0.430	76.5	280 365 552	27 1613
4540	9.5	20 3.68	3.6606	0.0172	28 15 1.7	11.507	0.433	74.2	188	28 1605*
4541	8.7[11]	8 20 3.79	+3.6538	−0.0170	+27 58 12.9	−11.507	−0.432	80.5	747 749 814	28 1606
4542	8.8	20 11.98	3.6915	0.0181	29 29 54.2	11.517	0.436	76.1	10 obs.	29 1755
4543	9.2	20 23.19	3.5912	0.0153	25 23 1.3	11.530	0.423	76.3	367	— —
4544	9.5	20 47.12	3.6585	0.0172	28 12 54.8	11.559	0.431	77.9	79 746 748	28 1607
4545	8.9	20 50.11	3.6678	0.0175	28 35 46.8	11.562	0.432	75.2	71 282 442	28 1608
4546	8.1	8 21 4.20	+3.5802	−0.0151	+24 57 11.6	−11.579	−0.421	73.7	68 75 82 281	25 1927
4547	5.8	21 11.96	3.5716	0.0148	24 33 29.0	11.588	0.419	85.6	1159 1165 1262	*24 1931*
4548	8.9	21 33.74	3.6763	0.0179	28 59 35.8	11.614	0.432	86.0	5 obs.[12]	29 1758
4549	8.0	21 35.71	3.6984	0.0185	29 52 56.5	11.617	0.434	74.2	73 192 284	29 1759
4550	9.4	21 39.11	3.6307	0.0165	27 8 10.6	11.621	0.426	74.9	72 280 362	27 1614

[1] Z. 814 819 820 824 826
[2] » 68 75 82 281 360 440(2)
[3] » 185 190 191 361 638
[4] » 68 75 82 281 360
[5] Z. 185 190 191 356 556 638
[6] » 188 442 748 1365 1366 1553
[7] Close double; middle
[8] Z. 68 75 82 281 367 1660
[9] Z. 742 822 1159 1260 1516 1519
[10] » 76 185 190 361 556
[11] Double; south following
[12] Z. 822 1166 1167 1516 1519

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4551	9.1	8h 21m 41s.28	+3s.5941	−0s.0155	+25° 35′ 35″.7	−11″.623	−0″.422	87.9	1260 1364 1553	25° 1931*
4552	9.4	21 45.49	3.7001	0.0186	29 57 26.4	11.628	0.434	81.0	78 742 750 1554	30 1716
4553	9.4	21 52.24	3.6720	0.0178	28 50 47.3	11.636	0.431	78.2	188 747 749 .	28 1611
4554	7.0	22 14.83	3.5738	0.0151	24 45 33.6	11.663	0.419	86.2	1257 1258	*24 1934*
4555	6.9	22 19.00	3.6170	0.0163	26 36 26.8	11.668	0.424	75.1	6 obs.[1]	26 1789
4556	8.7	8 22 33.79	+3.6621	−0.0176	+28 29 48.9	−11.686	−0.429	74.0	71 79 188 282	28 1613
4557	9.0	22 33.91	3.5825	0.0153	25 9 12.9	11.686	0.419	74.2	5 obs.[2]	25 1934
4558	9.0	22 55.06	3.6834	0.0183	29 22 54.1	11.711	0.431	75.0	5 obs.[3]	29 1764
4559	8.4	23 26.08	3.6111	0.0162	26 26 22.4	11.747	0.422	76.5	190 191 556 638	26 1792
4560	8.4	23 40.44	3.6140	0.0164	26 34 52.0	11.764	0.422	77.0	5 obs.[4]	26 1793
4561	7.4	8 23 46.84	+3.6039	−0.0161	+26 9 32.5	−11.772	−0.420	78.2	361 556 748	26 1794
4562	8.9	23 50.83	3.5729	0.0153	24 49 46.3	11.777	0.417	74.9	82 281 360	24 1938
4563	8.9	24 2.35	3.5858	0.0156	25 23 58.0	11.790	0.418	78.6	82 750 910	25 1937
4564	5.8	24 6.88	3.5650	0.0151	24 30 4.1	11.796	0.415	86.2	1159 1366	*24 1940*
4565	9.5	24 28.17	3.6590	0.0178	28 30 55.1	11.821	0.426	75.2	282	— —
4566	9.5	8 24 31.13	+3.6543	−0.0176	+28 19 33.6	−11.824	−0.425	77.2	188 742	28 1619
4567	9.3	24 36.04	3.5908	0.0158	25 39 13.5	11.830	0.418	85.9	82 1665 1668	25 1938*
4568	7.5	24 37.96	3.6890	0.0187	29 44 24.0	11.832	0.429	79.5	192 640 909 910	29 1772
4569	8.5	24 38.58	3.6926	0.0188	29 53 14.1	11.833	0.430	76.2	192 438 441	29 1770
4570	9.0	25 0.75	3.6068	0.0164	26 22 12.2	11.859	0.419	76.5	190 191 556 638	26 1796
4571	8.5	8 25 4.24	+3.5861	−0.0158	+25 29 20.9	−11.863	−0.416	80.7	281 1260	25 1942
4572	8.9	25 9.99	3.5977	0.0161	25 59 49.3	11.870	0.418	81.2	749 909	26 1798
4573	9.0	25 10.85	3.6434	0.0174	27 55 30.7	11.871	0.424	80.6	439 748 1067	27 1623
4574	8.9	25 23.72	3.5913	0.0159	25 44 15.6	11.886	0.416	86.2	1257 1258	25 1944
4575	9.1	25 32.24	3.6641	0.0180	28 48 12.4	11.896	0.425	75.5	188 282 442	28 1620
4576	9.2	8 25 34.27	+3.6377	−0.0173	+27 43 11.5	−11.899	−0.422	93.2	1787 1788	27 1624
4577	9.0	25 34.32	3.6136	0.0166	26 42 25.9	11.899	0.419	76.6	190 361 638	26 1801
4578	8.5	25 59.94	3.6835	0.0187	29 37 48.4	11.929	0.427	79.9	438 441 1159	29 1778
4579	8.5	26 4.89	3.6379	0.0174	27 46 7.0	11.934	0.421	82.2	749 750 1063 1064	27 1627
4580	9.4	26 36.90	3.6178	0.0169	26 57 29.1	11.972	0.418	93.2	1789 1790	27 1628
4581	8.5	8 26 38.13	+3.6387	−0.0175	+27 50 33.2	−11.973	−0.420	83.2	825 1063 1067 .	27 1629
4582	8.0	26 39.87	3.5873	0.0160	25 39 30.6	11.975	0.415	74.8	82 367	25 1950
4583	9.4	26 40.68	3.6641	0.0182	28 53 37.8	11.976	0.423	74.7	188 282	28 1622
4584	8.7	26 45.01	3.5726	0.0156	25 1 6.4	11.981	0.412	82.3	909 910	25 1951
4585	8.4	26 50.67	3.5965	0.0162	25 56 8.5	11.988	0.415	76.7	190 191 556 748	26 1803
4586	9.0	8 27 0.87	+3.6574	−0.0180	+28 38 44.8	−12.000	−0.422	75.5	188 282 442	28 1623
4587	9.2	27 2.44	3.5707	0.0156	24 57 12.6	12.002	0.412	81.9	82 1257 1258	25 1952
4588	8.5	27 2.50	3.6629	0.0182	28 52 11.3	12.002	0.423	80.6	559 750 969	28 1624
4589	8.9	27 6.95	3.6683	0.0184	29 6 2.0	12.007	0.423	75.0	5 obs.[5]	29 1780
4590	9.4	27 10.32	3.5992	0.0164	26 12 22.2	12.011	0.415	76.2	76 638	26 1804*
4591	9.3	8 27 10.94	+3.6396	−0.0176	+27 55 11.9	−12.012	−0.420	88.2	1064 1675	27 1630*
4592	9.0	27 34.96	3.6166	0.0170	26 58 49.7	12.040	0.417	75.8	5 obs.[6]	27 1631
4593	9.3	27 38.94	3.6555	0.0181	28 37 1.2	12.044	0.421	79.9	6 obs.[7]	28 1625
4594	9.4	27 42.62	3.5985	0.0164	26 12 52.9	12.049	0.414	74.2	185 190 191	26 1805
4595	8.5	27 58.07	3.5995	0.0165	26 16 45.4	12.067	0.414	74.9	185 193 356	26 1806
4596	9.0	8 28 4.47	+3.5642	−0.0155	+24 44 34.2	−12.074	−0.410	87.6	1159 1366 1557	*24 1952*
4597	9.4	28 20.61	3.5656	0.0156	24 49 13.5	12.093	0.411	91.2	1556 1674	24 1953*
4598	8.3	28 45.75	3.6659	0.0186	29 8 16.0	12.122	0.421	76.1	6 obs.[8]	29 1785
4599	8.7	28 57.31	3.6713	0.0188	29 22 12.1	12.136	0.421	75.7	73 192 438 553	29 1786
4600	9.1	29 12.23	3.6277	0.0175	27 34 35.7	12.153	0.416	75.8	5 obs.[9]	27 1636

[1] Z. 76 185 190 193 356 556
[2] » 68 75 82 281 360
[3] » 73 78 192 438 441
[4] Z. 190 191 356 749 750
[5] » 73 78 192 438 441
[6] » 72 280 362 365 552
[7] Z. 79 747 819 825 828 904
[8] » 78 192 363 438 441 553
[9] » 70 280 362 365 552

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
4601	7.8	$8^h\ 29^m\ 14^s.38$	+3ˢ.5994	−0ˢ.0167	+26° 22′ 6″.0	−12″.155	−0″.412	76.3	8 obs.	26° 1809
4602	9.1	29 19.95	3.6719	0.0188	29 25 36.6	12.162	0.421	82.6	441 1167 1168	29 1787*
4603	9.0	29 25.33	3.5656	0.0157	24 54 8.8	12.168	0.408	93.2	1787 1788	24 1956
4604	8.4	29 37.36	3.6565	0.0184	28 49 7.1	12.182	0.418	75.8	5 obs.[1]	28 1627
4605	9.5	29 42.49	3.5655	0.0157	24 55 1.8	12.188	0.407	90.2	1262 1900	24 1957
4606	9.0	8 29 42.77	+3.5783	−0.0161	+25 31 28.9	−12.188	−0.409	73.2	68 75 82	25 1958
4607	8.8	29 45.55	3.5831	0.0162	25 41 52.1	12.192	0.410	81.2	360 367 1260 1263	25 1959
4608	9.5	29 46.39	3.6866	0.0193	30 3 48.5	12.192	0.421	76.2	354	30 1736*
4609	6.5	29 46.69	3.6540	0.0184	28 43 42.1	12.193	0.417	75.9	188 369 437	28 1628
4610	8.9	30 6.09	3.6553	0.0184	28 48 23.4	12.215	0.417	78.0	5 obs.[2]	28 1629
4611	8.7	8 30 7.30	+3.6138	−0.0171	+27 3 15.7	−12.217	−0.413	75.8	5 obs.[3]	27 1640
4612	7.8	30 17.53	3.6045	0.0169	26 40 16.9	12.228	0.412	74.4	6 obs.[4]	26 1815
4613	9.2	30 24.56	3.5634	0.0158	24 52 38.1	12.237	0.406	74.4	5 obs.[5]	24 1961*
4614	9.1	30 27.24	3.5685	0.0159	25 6 38.7	12.240	0.407	86.2	820 1364 1553	25 1961*
4615	9.1	30 28.54	3.6118	0.0171	26 59 53.0	12.241	0.412	88.2	1166 1520 1559	27 1641*
4616	9.1	8 30 35.44	+3.5600	−0.0157	+24 44 22.9	−12.249	−0.406	89.2	1516 1519	*24 1962*
4617	9.3	30 38.77	3.6410	0.0180	28 14 58.2	12.253	0.415	77.8	5 obs.[6]	28 1630
4618	7.5	30 41.13	3.5996	0.0168	26 29 21.9	12.256	0.410	76.5	190 191 556 638	26 1816
4619	9.0	30 44.06	3.6850	0.0194	30 4 14.9	12.259	0.420	75.2	5 obs.[7]	30 1739
4620	9.5	30 50.47	3.5632	0.0158	24 54 9.6	12.267	0.406	81.2	814	— —
4621	9.5	8 30 59.04	+3.5631	−0.0158	+24 54 33.3	−12.276	−0.406	85.9	82 1669 1673	24 1964
4622	9.5	31 1.64	3.5634	0.0159	24 55 20.6	12.279	0.406	89.6	1257 1558 1665	24 1965*
4623	9.5	31 2.17	3.5643	0.0159	24 57 34.1	12.280	0.406	81.3	828	25 1962*
4624	9.4	31 25.68	3.5784	0.0160	25 6 51.5	12.307	0.408	88.7	747 1064 1937 1939	25 1964
4625	9.4	31 27.67	3.6173	0.0175	27 18 59.3	12.309	0.411	84.5	72 1556 1557	27 1643*
4626	8.5	8 31 39.02	+3.5616	−0.0158	+24 53 13.8	−12.322	−0.405	82.4	5 obs.[8]	24 1969
4627	9.2	31 41.37	3.6025	0.0171	26 41 44.4	12.325	0.409	86.9	356 1668 1674	26 1817*
4628	9.0	31 42.53	3.5715	0.0161	25 19 54.0	12.327	0.406	81.4	5 obs.[9]	25 1965
4629	8.6	31 45.62	3.5729	0.0162	25 23 58.8	12.330	0.406	79.2	367 750 825	25 1966
4630	8.9	31 52.12	3.6804	0.0195	29 58 59.7	12.338	0.418	75.9	6 obs.[10]	30 1743
4631	8.6	8 32 13.17	+3.5646	−0.0159	+25 3 27.6	−12.362	−0.404	77.6	5 obs.[11]	25 1969
4632	8.6	32 14.07	3.6544	0.0187	28 56 27.5	12.363	0.415	78.5	192 363 438 1263	29 1797
4633	9.5	32 19.91	3.6010	0.0171	26 40 44.7	12.369	0.408	74.2	185	— —
4634	8.6	32 28.42	3.6727	0.0193	29 43 18.6	12.379	0.416	78.6	5 obs.[12]	29 1798
4635	9.4	32 28.81	3.6642	0.0191	29 22 13.3	12.380	0.415	82.5	354 1159 1260	29 1799
4636	9.3	8 32 43.03	+3.6438	−0.0184	+28 32 19.0	−12.396	−0.412	73.7	71 79 188 (2)	28 1637
4637	8.8	32 53.70	3.5993	0.0171	26 38 57.9	12.408	0.407	74.0	76 185 190 191	26 1822
4638	8.7	32 54.89	3.5963	0.0170	26 31 8.1	12.410	0.407	77.9	191 193 1160	26 1823
4639	9.4	32 57.19	3.5863	0.0167	26 4 54.7	12.412	0.405	77.9	356 556 638	26 1825
4640	9.5	32 58.69	3.5576	0.0159	24 48 33.3	12.414	0.401	73.3	82	24 1972*
4641	9.3	8 33 4.58	+3.6575	−0.0189	+29 8 39.7	−12.421	−0.413	86.2	1257 1262	29 1802
4642	8.9	33 6.69	3.5890	0.0168	26 12 52.8	12.423	0.405	81.2	750 820 824 909	26 1826
4643	9.1	33 6.74	3.5892	0.0168	26 13 30.0	12.423	0.405	80.7	750 820	26 1827*
4644	8.5	33 8.13	3.6542	0.0188	29 0 47.8	12.425	0.413	75.2	73 78 438 441	29 1803
4645	8.7	33 17.30	3.6692	0.0193	29 38 49.7	12.435	0.414	78.2	5 obs.[13]	29 1804
4646	9.5	8 33 22.03	+3.6129	−0.0176	+27 16 29.3	−12.441	−0.408	82.7	280 1558	27 1649*
4647	9.5	33 25.94	3.6141	0.0176	27 19 54.6	12.445	0.408	79.0	72 280 552 1519	27 1650
4648	9.5	33 30.81	3.6679	0.0193	29 36 34.0	12.451	0.414	85.2	354 1900	29 1805*
4649	8.5	33 31.75	3.6189	0.0178	27 32 43.9	12.452	0.408	79.2	5 obs.[14]	27 1651
4650	9.5	33 46.13	3.6007	0.0173	26 47 4.3	12.468	0.406	76.0	5 obs.[15]	26 1828

[1] Z. 71 79 442 445 559
[2] » 79 559 560 747 748
[3] » 72 280 362 365 552
[4] » 76 185 190 191 193 356
[5] » 68 75 82 360 367
[6] Z. 71 188 749 750 824
[7] » 73 78 192 354 649
[8] » 68 360 1166 1167 1672
[9] » 748 814 819 822 969
[10] » 73 78 363 438 441 553
[11] Z. 68 75 747 748 820
[12] » 192 553 560 824 828
[13] » 192 553 560 640 814
[14] » 362 552 559 748 969
[15] » 185 190 191 556 638

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4651	8.9	8h 33m 48s.64	+3s.6603	−0s.0191	+29° 19′ 17″.6	−12″.471	−0″.412	74.7	73 363	29° 1806
4652	9.0	33 50.49	3.6576	0.0191	29 17 40.4	12.473	0.412	85.2	1166 1167	29 1807
4653	9.4	34 12.55	3.5872	0.0169	26 13 22.9	12.498	0.404	81.7	76 1559	26 1829*
4654	9.0	34 23.25	3.6596	0.0192	29 20 1.1	12.511	0.412	82.0	78 192 1553 1557	29 1810
4655	8.7	34 32.66	3.6566	0.0190	29 6 20.5	12.521	0.411	77.6	438 441 560	29 1811
4656	9.4	8 34 35.24	+3.6715	−0.0195	+29 45 5.3	−12.524	−0.412	86.8	828 1675	29 1813*
4657	9.5	34 36.43	3.6590	0.0192	29 19 52.7	12.526	0.411	81.7	78 1556	29 1812*
4658	8.9	34 36.99	3.5547	0.0160	24 48 3.6	12.526	0.400	84.2	68 82 360	24 1975
4659	9.0	34 38.95	3.5940	0.0171	26 33 21.4	12.528	0.404	74.2	190 191	26 1830*
4660	9.0[1]	34 42.01	3.5691	0.0164	25 27 24.3	12.532	0.401	74.7	75 367	25 1973
4661	9.0	8 34 47.88	+3.6720	−0.0196	+29 53 27.0	−12.539	−0.412	81.2	5 obs.[2]	29 1815
4662	9.1	34 48.77	3.6672	0.0195	29 41 24.3	12.540	0.412	79.7	354 969	29 1816
4663	8.8	35 0.57	3.5693	0.0164	25 29 9.2	12.553	0.400	74.4	5 obs.[3]	25 1974
4664	8.8	35 6.59	3.6700	0.0196	29 49 59.1	12.560	0.412	85.7	1160 1161 1260 1262	29 1817
4665	8.6	35 15.56	3.5917	0.0172	26 30 5.9	12.570	0.403	74.5	76 185 193 356	26 1832
4666	9.1	8 35 34.01	+3.5855	−0.0171	+26 25 23.3	−12.591	−0.402	77.0	190 356 556 638	26 1833
4667	9.5	35 58.52	3.6425	0.0188	28 45 46.6	12.619	0.407	79.3	559 750	28 1639*
4668	9.0	36 1.66	3.6650	0.0196	29 42 16.2	12.622	0.410	75.6	6 obs.[4]	29 1818
4669	8.8	36 22.17	3.5615	0.0164	25 14 51.0	12.646	0.398	74.4	5 obs.[5]	25 1977
4670	7.6	36 24.72	3.6163	0.0181	27 40 21.4	12.649	0.404	74.9	72 280 362	27 1658
4671	8.6	8 36 53.55	+3.6441	−0.0190	+28 54 10.7	−12.681	−0.406	77.2	6 obs.[6]	} 28 1640
4672	9.0	36 55.26	3.6441	0.0190	28 54 20.9	12.683	0.406	78.2	79 188 282 1557	
4673	9.1	37 1.47	3.6403	0.0189	28 45 2.8	12.690	0.405	78.3	559 560	28 1641*
4674	8.5[7]	37 2.08	3.5607	0.0165	25 15 27.8	12.691	0.397	74.7	82 360	25 1981
4675	9.1	37 2.41	3.6030	0.0177	27 8 37.3	12.691	0.401	85.2	1159 1161	27 1660*
4676	8.9	8 37 31.70	+3.6467	−0.0192	+29 4 4.5	−12.725	−0.405	74.5	73 192 354	29 1819
4677	8.6	37 32.03	3.6740	0.0200	30 7 23.5	12.725	0.408	77.9	363 441 750	*30 1760*
4678	8.6	37 57.16	3.6613	0.0198	29 43 10.0	12.753	0.406	79.8	5 obs.[8]	29 1820
4679	7.2	37 58.71	3.6417	0.0191	28 53 44.6	12.755	0.404	73.7	71 188	28 1642
4680	8.9	38 21.17	3.5578	0.0165	25 14 0.1	12.780	0.394	81.7	75 1559	25 1982
4681	9.0	8 38 21.96	+3.6542	−0.0196	+29 27 41.0	−12.781	−0.405	85.2	1166 1167	29 1821
4682	8.2	38 26.97	3.6395	0.0191	28 50 34.6	12.786	0.403	84.9	559 1262 1558	28 1644
4683	7.9	38 39.11	3.5699	0.0169	25 48 22.8	12.800	0.395	78.5	82 748(2) 750	25 1983
4684	7.0	38 43.35	3.6205	0.0185	28 3 0.9	12.805	0.401	89.9	1159 1668 1674	28 1645
4685	9.0	38 44.34	3.5690	0.0169	25 46 17.3	12.806	0.395	73.2	75 82	25 1984
4686	8.1	8 38 47.34	+3.5996	−0.0179	+27 8 23.9	−12.809	−0.398	77.2	362 559	27 1663
4687	7.5	39 5.93	3.6470	0.0194	29 13 13.4	12.830	0.403	81.6	192 1160 1161	29 1823
4688	**4.1**	**39 7.79**	**3.6468**	**0.0194**	**29 12 56.1**	**12.832**	**0.403**		**Fund. Cat.**	**29 1824**
4689	8.5	39 24.07	3.5713	0.0171	25 55 40.3	12.850	0.394	77.9	190 638 750	26 1840
4690	7.0	39 35.15	3.6319	0.0190	28 37 7.7	12.863	0.401	74.2	71 188 282	28 1647
4691	8.6	8 39 36.52	+3.5993	−0.0179	+27 11 55.3	−12.864	−0.397	79.7	362 559 819 969	27 1667
4692	8.4	39 41.07	3.6539	0.0198	29 34 3.2	12.869	0.403	86.2	1262 1263	29 1825
4693	8.4	40 22.63	3.6261	0.0189	28 26 18.3	12.916	0.399	86.8	1165 1448	28 1648
4694	9.0	40 26.12	3.5708	0.0171	25 59 33.8	12.920	0.393	80.5	7 obs.	26 1843
4695	8.9	40 30.17	3.6437	0.0195	29 12 9.5	12.924	0.401	77.9	7 obs.	29 1826
4696	9.3	8 40 31.85	+3.5705	−0.0172	+25 59 15.0	−12.926	−0.392	80.5	190 819 826 1166	26 1845*
4697	9.5	40 51.09	3.5554	0.0167	25 19 21.9	12.948	0.390	73.2	75 82	25 1988
4698	9.1	41 5.31	3.6394	0.0195	29 4 13.9	12.963	0.399	86.5	1159 1160 1161 1559	29 1827*
4699	9.5	41 9.80	3.6328	0.0192	28 47 54.0	12.968	0.399	85.2	282 1554 1558	— —
4700	9.5	41 12.98	3.5545	0.0167	25 18 52.3	12.972	0.390	86.5	68 1674 1900	25 1991*

[1] Close double
[2] Z. 640 818 826 909 910
[3] » 68 75 82 360 367
[4] Z. 73 78 192 438 441 553
[5] » 68 75 82 360 367
[6] » 71 79 188 282 442 1556
[7] BD 9.0
[8] Z. 192 640 819 828 969

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4701	9.0	8h 41m 47s.30	+3s.6315	−0s.0193	+28° 48′ 1″.5	−13″.010	−0″.397	75.0	71 79 282 559	28° 1650
4702	7.5	42 9.97	3.6568	0.0202	29 54 38.9	13.035	0.400	76.2	9 obs.	29 1828
4703	8.4	42 10.20	3.5957	0.0181	27 15 34.4	13.035	0.392	77.2	6 obs.[1]	27 1672
4704	8.4	42 43.28	3.5847	0.0178	26 49 1.5	13.072	0.391	75.2	76 190 193 356 555	26 1848
4705	8.9	42 52.70	3.5456	0.0166	25 2 38.6	13.082	0.386	75.5	7 obs.[2]	25 1997
4706	9.0	8 43 4.44	+3.6239	−0.0192	+28 34 50.9	−13.095	−0.395	75.5	71 79 282 437 442(2)	28 1653
4707	7.7	43 19.01	3.5946	0.0183	27 17 27.8	13.112	0.391	77.1	9 obs.	27 1674
4708	9.2	43 21.61	3.6229	0.0192	28 33 51.3	13.114	0.394	78.6	71 79 1519	28 1655*
4709	9.0	43 48.38	3.5815	0.0178	26 45 46.9	13.144	0.389	75.6	5 obs.[3]	26 1852
4710	8.2	43 52.38	3.6546	0.0204	29 59 9.1	13.148	0.397	85.2	1159 1160 1161	30 1779
4711	9.2	8 44 0.43	+3.6501	−0.0202	+29 48 2.2	−13.157	−0.396	84.6	185 1520 1557	29 1830*
4712	9.0	44 14.85	3.6193	0.0192	28 29 14.5	13.173	0.392	77.2	368 437 559	28 1657
4713	8.9	44 16.18	3.5573	0.0172	25 42 5.7	13.175	0.385	74.4	68 75 82 360 367	25 2000
4714	8.5	44 33.81	3.5675	0.0175	26 11 39.3	13.194	0.386	76.0	185 190 356 638	26 1854
4715	7.4	44 36.04	3.5672	0.0175	26 11 10.3	13.196	0.386	77.6	6 obs.[4]	26 1855
4716	7.8	8 44 36.24	+3.6441	−0.0202	+29 36 4.2	−13.196	−0.395	77.2	7 obs.	29 1831
4717	7.9	44 44.20	3.6374	0.0199	29 19 24.4	13.205	0.393	76.2	181 363 441(2)	29 1832
4718	8.0	44 48.86	3.5394	0.0166	24 46 34.0	13.210	0.383	79.9	6 obs.[5]	24 1999
4719	8.5	44 49.67	3.5548	0.0171	25 37 34.1	13.211	0.384	81.0	5 obs.[6]	25 2003
4720	6.5	44 57.60	3.6232	0.0195	28 43 35.9	13.220	0.391	74.9	85 282 368	28 1659
4721	9.0	8 45 6.16	+3.5949	−0.0185	+27 28 59.8	−13.229	−0.388	75.2	72 280 362 365	27 1679
4722	6.0	45 8.86	3.6247	0.0195	28 48 23.3	13.232	0.392	76.1	6 obs.[7]	28 1660
4723	9.0[8]	45 13.59	3.6272	0.0196	28 55 29.4	13.238	0.392	80.2	73 78 1900	29 1836
4724	8.7	45 34.88	3.6320	0.0198	29 10 5.0	13.261	0.391	75.7	78 192 363 640	29 1837
4725	9.2	45 42.22	3.5509	0.0171	25 31 26.6	13.269	0.383	78.9	75 82 1558	25 2008*
4726	9.1	8 46 10.51	+3.6410	−0.0202	+29 36 53.3	−13.300	−0.391	89.7	1519 1520 1554 1559	29 1838*
4727	8.6	46 22.63	3.5901	0.0186	27 23 1.6	13.313	0.386	78.0	72 362 365 1264	27 1682
4728	9.3	46 28.98	3.6255	0.0197	28 58 17.7	13.320	0.390	82.7	181 354 1556 1557	29 1839*
4729	9.0	46 38.36	3.5856	0.0184	27 12 8.3	13.330	0.385	80.1	9 obs.	27 1683
4730	7.5	46 54.34	3.5894	0.0186	27 23 45.0	13.348	0.385	77.7	72 280 365 1263	27 1685
4731	9.4	8 47 22.61	+3.6305	−0.0201	+29 16 13.9	−13.378	−0.389	74.2	73 78 181 363	29 1841
4732	7.0	47 30.44	3.5726	0.0181	26 41 11.0	13.387	0.382	75.6	6 obs.[9]	26 1865
4733	9.0	47 30.87	3.5473	0.0172	25 30 39.0	13.387	0.379	73.2	68 75 82	25 2009
4734	9.0	47 52.84	3.6139	0.0196	28 35 20.7	13.411	0.386	75.7	7 obs.[10]	28 1665
4735	9.5	47 59.37	3.5529	0.0175	25 48 57.5	13.418	0.379	87.7	825 1900	25 2010
4736	9.3	8 48 1.30	+3.5907	−0.0187	+27 33 18.3	−13.420	−0.383	74.9	72 280 362	27 1689
4737	7.2	48 2.22	3.5759	0.0182	26 53 4.6	13.421	0.382	74.2	6 obs.[11]	26 1866
4738	9.0	48 6.57	3.5691	0.0180	26 34 41.8	13.426	0.381	80.4	6 obs.[12]	26 1867
4739	5.7	48 10.27	3.6091	0.0194	28 24 10.7	13.430	0.385	76.4	10 obs.	28 1666
4740	9.0	48 29.20	3.5461	0.0173	25 32 33.5	13.450	0.378	77.6	75 82 1264	25 2011
4741	9.0	8 48 43.04	+3.6308	−0.0202	+29 24 32.7	−13.465	−0.387	74.2	73 78 181 363	29 1844
4742	8.3	48 45.73	3.5734	0.0183	26 50 14.1	13.468	0.380	75.7	6 obs.[13]	26 1869
4743	8.5	48 51.97	3.6244	0.0200	29 8 49.2	13.475	0.385	77.7	6 obs.[14]	29 1845
4744	7.0	48 52.43	3.5324	0.0169	24 55 33.8	13.476	0.376	78.0	5 obs.[15]	25 2013
4745	9.0	49 4.14	3.5522	0.0175	25 52 27.9	13.488	0.378	77.3	367 557	25 2014
4746	9.5	8 49 14.84	+3.5508	−0.0175	+25 49 39.4	−13.500	−0.377	92.3	1674	— —
4747	8.9	49 25.37	3.5432	0.0173	25 29 6.8	13.511	0.376	79.0	68 75 562 1160 1161	25 2015
4748	8.8	49 34.18	3.6352	0.0205	29 41 37.7	13.521	0.386	75.0	73 78 181 363 560	29 1847
4749	9.2	49 48.31	3.5757	0.0184	27 2 16.4	13.536	0.378	78.2	551 552	27 1692*
4750	9.2	50 4.36	3.5612	0.0180	26 23 26.1	13.553	0.377	81.7	77 1554	26 1870*

[1] Z. 72 280 365 551 552 909
[2] » 68 75 82 360 367 557(2)
[3] » 76 190 193 555 556
[4] » 76 190 193 555 638 1263
[5] » 68 82 360 1163 1165 1262
[6] Z. 75 367 1166 1167 1168
[7] » 71 79 437 445(2) 560
[8] Double
[9] Z. 76 185 190 193 555 638
[10] » 79 85 282 368 437 442(2)
[11] Z. 76 77 185 190 193 356
[12] » 555 638 750 825 829 909
[13] » 76 185 190 356 556 561
[14] » 363 441(2) 553 560 640
[15] » 82 360 367 557 1263

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4751	9.5	$8^h\ 50^m\ 27^s.87$	+3ˢ.5272	−0ˢ.0169	+24° 49′ 4″.3	−13″.578	−0″.373	82.2	557 1262	24 2018
4752	8.9	50 37.91	3.5727	0.0185	26 58 17.6	13.589	0.377	75.8	72 280 362 365 561	27 1695
4753	8.8	50 42.42	3.5740	0.0185	27 2 38.9	13.594	0.377	78.2	551 552 559(2)	27 1696
4754	8.2	50 58.10	3.5719	0.0185	26 58 10.7	13.611	0.377	76.5	72 280 831	27 1698
4755	9.0	51 13.55	3.5233	0.0169	24 41 38.7	13.627	0.371	86.9	1160 1161 1558	*24 2021*
4756	8.7	8 51 17.37	+3.5475	−0.0177	+25 51 44.2	−13.631	−0.374	75.1	6 obs.[1]	25 2017
4757	9.0	51 20.86	3.5873	0.0190	27 42 54.4	13.635	0.378	77.7	365 551 552 561	27 1699
4758	7.7	51 28.47	3.5479	0.0177	25 53 27.8	13.643	0.373	74.2	68 82 360	25 2018
4759	9.0	51 32.63	3.5472	0.0177	25 52 1.2	13.648	0.373	86.2	75 1672 1787	25 2019
4760	7.7	51 33.52	3.5587	0.0181	26 24 25.7	13.649	0.375	75.4	8 obs.	26 1873
4761	9.1	8 51 34.53	+3.5956	−0.0193	+28 7 5.5	−13.650	−0.378	90.1	5 obs.[2]	28 1667*
4762	9.1	51 43.81	3.5740	0.0186	27 8 16.0	13.660	0.376	86.2	1260 1261	27 1700*
4763	8.9	51 44.43	3.5416	0.0175	25 36 58.1	13.660	0.372	80.4	6 obs.[3]	25 2020
4764	8.1	52 16.54	3.6247	0.0205	29 29 49.7	13.695	0.380	75.8	7 obs.[4]	29 1849
4765	9.0	52 17.74	3.5489	0.0178	26 1 6.3	13.696	0.372	74.2	6 obs.[5]	26 1875
4766	9.0	8 52 19.38	+3.5522	−0.0180	+26 10 20.7	−13.697	−0.373	80.5	555 561 638 1262	26 1876
4767	9.3	52 24.76	3.6071	0.0199	28 43 14.2	13.703	0.378	75.6	6 obs.[6]	28 1669
4768	9.0	52 24.99	3.5296	0.0172	25 6 23.3	13.703	0.370	79.9	556 747 824	25 2022
4769	7.3	52 33.91	3.5676	0.0185	26 55 4.4	13.713	0.374	79.1	6 obs.[7]	26 1877
4770	8.9	52 48.71	3.5238	0.0170	24 51 32.2	13.729	0.369	80.0	367 751 826 909	24 2023
4771	8.0	8 52 50.37	+3.6158	−0.0203	+29 9 12.6	−13.731	−0.378	75.8	78 181 363 370 640	29 1851
4772	9.5	52 51.14	3.5753	0.0188	27 18 22.8	13.731	0.374	75.5	72 280 552	27 1702
4773	9.3	52 51.81	3.5631	0.0184	26 44 24.5	13.732	0.372	76.8	193 638	26 1878*
4774	9.0	52 54.39	3.5631	0.0184	26 44 51.2	13.735	0.372	86.2	185 1666 1675	26 1879
4775	9.5	52 56.95	3.5436	0.0177	25 49 29.1	13.738	0.371	79.9	6 obs.[8]	25 2023
4776	8.5	8 53 6.42	+3.5257	−0.0171	+24 58 55.9	−13.748	−0.369	77.5	75 82 562 1165	25 2024
4777	9.5	53 13.24	3.5749	0.0188	27 19 14.9	13.755	0.373	76.2	365	— —
4778	9.1	53 19.23	3.6240	0.0207	29 34 10.0	13.761	0.378	85.2	1160 1161	29 1852*
4779	9.5	53 26.29	3.5989	0.0197	28 26 37.7	13.769	0.375	73.2	79	— —
4780	9.0	53 27.63	3.6271	0.0208	29 43 14.6	13.770	0.379	77.2	6 obs.[9]	29 1853
4781	8.7	8 53 33.04	+3.5851	−0.0192	+27 49 21.7	−13.776	−0.374	76.5	280 365 551	27 1703
4782	9.3	53 38.23	3.5205	0.0169	24 46 32.7	13.781	0.368	79.7	360 747 825 829	24 2027
4783	8.9	53 41.01	3.5537	0.0182	26 22 34.8	13.784	0.372	74.9	6 obs.[10]	26 1882
4784	8.9	53 48.87	3.5370	0.0176	25 35 13.1	13.793	0.369	78.2	82 557 750 826	25 2027
4785	9.3	54 8.42	3.6196	0.0206	29 27 15.3	13.813	0.377	77.6	370 553 560	29 1854
4786	9.0	8 54 14.57	+3.5637	−0.0185	+26 53 47.4	−13.820	−0.370	77.2	5 obs.[11]	26 1883
4787	9.0	54 17.13	3.5964	0.0198	28 24 57.2	13.823	0.374	75.0	79 85 368 437	28 1673
4788	8.2	54 18.29	3.5632	0.0185	26 52 42.2	13.824	0.370	79.3	6 obs.[12]	26 1884
4789	6.2	54 21.53	3.5957	0.0198	28 23 35.8	13.827	0.374	76.6	11 obs.	28 1674
4790	8.9[13]	54 32.88	3.5588	0.0184	26 41 33.1	13.839	0.369	78.1	8 obs.	26 1885
4791	8.8	8 54 39.59	+3.5426	−0.0179	+25 56 2.5	−13.846	−0.368	79.1	7 obs.	25 2028
4792	8.9	54 53.83	3.6213	0.0208	29 36 25.7	13.861	0.377	75.5	73 181 286 640	29 1857
4793	9.0	55 0.44	3.5512	0.0183	26 22 34.9	13.868	0.368	80.7	356 1160	26 1886
4794	9.1	55 9.35	3.5511	0.0183	26 23 5.9	13.878	0.368	81.7	555 1161	26 1888*
4795	8.3	55 10.58	3.6264	0.0210	29 51 55.4	13.879	0.375	76.7	78 363 370 560 640	29 1858
4796	7.2	8 55 10.97	+3.5502	−0.0182	+26 20 45.3	−13.879	−0.367	75.2	81 185 356 447	26 1889
4797	9.4	55 15.68	3.5144	0.0169	24 37 12.6	13.884	0.364	87.6	1262 1263 1556	*24 2032*
4798	5.4	55 25.68	3.5207	0.0172	24 56 36.0	13.895	0.364	74.4	68 75 82 360 367	25 2029
4799	8.5	55 49.59	3.5776	0.0193	27 42 11.8	13.920	0.370	81.2	6 obs.[14]	27 1708
4800	8.9	55 51.23	3.6250	0.0210	29 52 21.4	13.922	0.374	75.6	6 obs.[15]	29 1859

[1] Z. 68 75 82 360 367 557
[2] » 1366 1556 1557 1623 1624
[3] » 562 747 750 829 830(2)
[4] » 73 78 181 286 553(2) 560
[5] » 76 77 185 190 193 356
[6] Z. 79 85 282 437 442(2)
[7] » 356 447 556 750 831(2)
[8] » 68 824 825 827 828 829
[9] » 73 78 286 363 560 1366
[10] » 76 77 81 190 447 555
[11] Z. 185 190 556 561 827
[12] » 81 561 751 827 829 830
[13] Double; south
[14] Z. 72 280 365 552 1666 1675
[15] » 73 78 286 363 370 640

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4801	8.8	8h 55m 57s.98	+3s.5403	−0s.0180	+25° 56′ 56″.0	−13″.929	−0″.365	76.7	7 obs.	26° 1891
4802	9.2	56 6.14	3.5247	0.0174	25 12 22.7	13.937	0.363	89.3	969 1673 1674	25 2031*
4803	8.5	56 13.39	3.5485	0.0183	26 21 49.8	13.945	0.366	77.0	5 obs.[1]	26 1892
4804	9.0	56 26.05	3.6213	0.0210	29 45 54.8	13.958	0.373	76.3	370	— —
4805	9.1	56 36.54	3.5949	0.0200	28 34 59.6	13.969	0.370	85.2	1163 1165 1167 1168	28 1682*
4806	8.9	8 56 39.80	+3.5304	−0.0177	+25 32 3.6	−13.972	−0.363	74.2	75 82 360	25 2033
4807	6.5	56 42.68	3.5905	0.0199	28 23 28.8	13.975	0.369	76.4	11 obs.	28 1683
4808	9.3	56 50.78	3.6280	0.0213	30 6 45.5	13.984	0.373	84.2	181 1519 1520	*30 1809**
4809	8.0	56 51.98	3.6202	0.0210	29 45 43.6	13.985	0.373	76.0	78 181 553 560	29 1860
4810	9.0	56 54.71	3.6075	0.0206	29 11 44.0	13.988	0.371	74.9	73 286 363	29 1861
4811	8.8	8 57 3.58	+3.6012	−0.0203	+28 55 20.8	−13.997	−0.370	74.6	79 85 437	28 1684
4812	8.7	57 4.51	3.5364	0.0179	25 51 57.5	13.998	0.364	80.2	11 obs.	25 2034
4813	8.0	57 33.06	3.5198	0.0174	25 6 3.5	14.028	0.361	74.2	68 75 360	25 2036
4814	8.0	57 42.53	3.5517	0.0186	26 39 40.0	14.038	0.364	76.0	9 obs.	26 1895
4815	8.6	58 10.03	3.6051	0.0206	29 12 42.3	14.067	0.368	75.6	6 obs.[2]	29 1865
4816	9.0	8 58 10.62	+3.6276	−0.0213	+30 5 57.3	−14.067	−0.371	75.5	73 181 640	*30 1813*
4817	9.3	58 11.62	3.5350	0.0180	25 54 28.5	14.068	0.362	79.4	6 obs.[3]	25 2039
4818	9.0	58 15.65	3.5270	0.0178	25 31 11.9	14.072	0.361	79.1	6 obs.[4]	25 2040
4819	8.9	58 17.21	3.5723	0.0194	27 42 16.0	14.074	0.365	81.2	6 obs.[5]	27 1711
4820	9.0	58 21.89	3.5749	0.0195	27 50 12.8	14.079	0.365	76.5	280 365 551	27 1712
4821	9.4	8 58 26.34	+3.5917	−0.0201	+28 37 29.7	−14.084	−0.366	75.6	6 obs.[6]	28 1687
4822	9.1	58 47.37	3.5598	0.0190	27 9 45.3	14.105	0.363	85.2	1160 1165	27 1713*
4823	8.5	58 50.23	3.5486	0.0186	26 37 44.5	14.108	0.361	74.6	8 obs.	26 1899
4824	9.5	59 16.28	3.5179	0.0176	25 10 12.2	14.135	0.358	80.0	8 obs.	25 2043
4825	8.7	59 25.82	3.5119	0.0174	24 53 17.2	14.145	0.357	75.2	68 360 367	24 2040
4826	8.7	8 59 56.68	+3.5882	−0.0202	+28 37 13.0	−14.177	−0.364	75.8	10 obs.	28 1691
4827	9.2	9 0 4.14	3.5189	0.0177	25 17 46.0	14.185	0.357	86.9	360 1664 1672	25 2047*
4828	8.9	0 6.99	3.6200	0.0215	30 6 5.4	14.188	0.367	75.1	9 obs.	*30 1816*
4829	8.3	0 13.28	3.5852	0.0201	28 30 24.1	14.194	0.363	75.9	79 368 559	28 1694
4830	8.9	0 14.94	3.5558	0.0190	27 5 57.9	14.196	0.360	80.8	8 obs.	27 1714
4831	8.8	9 0 26.10	+3.5185	−0.0177	+25 18 48.7	−14.207	−0.356	75.9	68 367 557	25 2050
4832	6.0	0 29.49	3.6203	0.0215	30 9 18.1	14.211	0.366	85.3	1166 1167 1168	*30 1817*
4833	7.2	0 33.18	3.5348	0.0183	26 7 39.4	14.215	0.357	76.2	14 obs.	26 1901
4834	7.9	0 38.43	3.5748	0.0198	28 3 43.2	14.220	0.361	82.2	437 559 1624	28 1696
4835	8.4	0 59.31	3.5734	0.0198	28 2 5.8	14.242	0.361	75.9	5 obs.[7]	28 1697
4836	8.4	9 1 2.61	+3.5732	−0.0198	+28 2 33.4	−14.245	−0.361	75.8	85 560	28 1698
4837	9.5	1 7.11	3.6166	0.0214	30 3 14.2	14.250	0.365	75.3	286	30 1820*
4838	6.0	1 25.83	3.5539	0.0191	27 8 41.2	14.269	0.357	76.2	72 280 365 563 (2)	27 1715
4839	9.3	1 31.00	3.5542	0.0191	27 9 55.8	14.274	0.357	76.2	72 280 551 552	27 1716
4840	9.1	1 32.46	3.5734	0.0197	27 55 13.4	14.275	0.360	85.9	1165 1262 1263	28 1700*
4841	8.4	9 2 1.84	+3.5362	−0.0185	+26 20 20.7	−14.306	−0.355	74.7	8 obs.	26 1902
4842	8.2	2 35.54	3.6133	0.0215	30 3 50.2	14.340	0.362	77.8	7 obs.	30 1822
4843	9.5	2 50.25	3.5773	0.0202	28 24 38.2	14.355	0.358	82.7	79 1674	28 1703*
4844	9.1	2 53.22	3.5949	0.0209	29 14 54.0	14.358	0.359	82.9	5 obs.[8]	29 1872
4845	9.2	2 57.10	3.6011	0.0211	29 32 35.7	14.362	0.360	75.7	286 363	— —
4846	9.5	9 2 57.59	+3.6024	−0.0213	+29 46 22.9	−14.362	−0.361	78.7	189 969	29 1873*
4847	9.3	3 2.90	3.5828	0.0205	28 41 38.5	14.368	0.358	88.6	828 1666 1668	28 1705*
4848	8.7	3 3.31	3.5458	0.0190	26 54 53.7	14.368	0.355	76.5	12 obs.	26 1903
4849	8.0	3 4.31	3.6015	0.0212	29 34 39.9	14.369	0.360	78.7	12 obs.	29 1874
4850	9.4	3 5.83	3.5336	0.0186	26 19 21.8	14.371	0.354	82.7	81 1673	26 1904*

[1] Z. 76 81 185 556 1264
[2] » 78 189 286 363 370 553
[3] » 82 557 747 824 825 910
[4] Z. 367 557 562 750(2) 829
[5] » 72 280 365 552 1674 1675
[6] » 79 85 282 368 437 560
[7] Z. 83 85 368 559 560
[8] » 370 909 1166 1167 1168

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4851	9.2	9h 3m 13s.73	+3s.5943	−0s.0209	+29° 15′ 23″.4	−14″.379	−0″.359	80.5	560 747 829 969	29° 1875
4852	9.0	3 15.62	3.5887	0.0207	28 59 48.2	14.381	0.358	77.9	6 obs.[1]	29 1876
4853	9.0	3 21.38	3.5398	0.0188	26 38 57.8	14.387	0.354	75.1	7 obs.[2]	26 1905
4854	9.3	3 30.89	3.5747	0.0202	28 21 49.2	14.396	0.357	74.2	79 282	— —
4855	9.0	3 31.03	3.5751	0.0202	28 22 56.9	14.396	0.357	77.8	5 obs.[3]	28 1707
4856	8.4	9 4 2.97	+3.5237	−0.0183	+25 55 43.0	−14.429	−0.351	75.9	6 obs.[4]	25 2056
4857	9.0	4 4.28	3.5770	0.0203	28 31 51.9	14.430	0.356	75.7	85 550	28 1708
4858	8.8	4 17.07	3.5232	0.0183	25 55 47.7	14.443	0.350	74.4	5 obs.[5]	25 2057
4859	8.0	4 29.85	3.5940	0.0211	29 22 51.8	14.456	0.357	74.4	73 78 181 286 370	29 1879
4860	9.0	4 36.49	3.5156	0.0181	25 34 47.9	14.463	0.349	79.8	6 obs.[6]	25 2059
4861	9.3	9 4 42.65	+3.6073	−0.0216	+30 1 29.8	−14.469	−0.358	77.2	363 560	— —
4862	8.9	4 45.62	3.5349	0.0188	26 33 38.9	14.472	0.350	77.8	7 obs.	26 1909
4863	9.0	5 0.41	3.5720	0.0202	28 23 43.1	14.487	0.354	76.6	282 368 563	28 1710
4864	9.0	5 1.55	3.5512	0.0194	27 23 18.8	14.488	0.352	75.7	72 280 365 551	27 1722
4865	9.5	5 11.84	3.6055	0.0216	30 0 7.4	14.498	0.357	75.2	78 189 286 553	30 1830
4866	9.5	9 6 5.26	+3.5599	−0.0199	+27 55 47.9	−14.552	−0.351	88.2	1262 1263 1557 1558	28 1714
4867	8.5	6 7.75	3.5199	0.0184	25 57 10.8	14.555	0.347	75.6	8 obs.	26 1911
4868	8.9	6 15.66	3.5399	0.0192	26 57 41.4	14.562	0.349	76.9	8 obs.	27 1727
4869	7.5	6 17.60	3.4970	0.0176	24 48 22.9	14.564	0.344	74.2	68 82 360	24 2054
4870	9.0	6 19.19	3.5194	0.0184	25 56 48.2	14.566	0.346	74.7	76 81 193 556	26 1912
4871	8.3	9 6 24.31	+3.5183	−0.0183	+25 46 5.6	−14.571	−0.346	77.3	367 557	25 2062
4872	9.0	6 36.84	3.4957	0.0175	24 45 56.6	14.584	0.343	89.0	5 obs.[7]	*24 2055*
4873	9.1	6 41.15	3.5335	0.0190	26 41 28.4	14.588	0.347	76.6	185 190 555 561 (2)	26 1914
4874	9.1	6 43.40	3.5435	0.0194	27 11 28.2	14.590	0.348	85.3	1166 1167 1168	27 1729*
4875	8.3	6 51.32	3.5165	0.0183	25 48 21.9	14.598	0.345	80.1	10 obs.	25 2063
4876	9.0	9 6 55.03	+3.5745	−0.0206	+28 43 24.7	−14.602	−0.350	74.0	79 83 85 368	28 1717
4877	9.2	7 9.64	3.5387	0.0192	27 0 3.6	14.617	0.347	81.2	72 1519	27 1731*
4878	7.0	7 10.79	3.5094	0.0181	25 31 42.3	14.618	0.344	80.5	68 367 1268 1269	25 2065
4879	8.5	7 12.13	3.5650	0.0203	28 17 55.6	14.619	0.349	74.6	79 85 437	28 1718
4880	9.0	7 19.53	3.5200	0.0186	26 4 56.3	14.626	0.344	75.9	6 obs.[8]	26 1917
4881	9.1	9 7 19.89	+3.5244	−0.0187	+26 18 11.0	−14.627	−0.345	78.7	5 obs.[9]	26 1916
4882	8.7	7 28.96	3.4945	0.0176	24 47 40.4	14.636	0.342	85.9	1169 1260 1261	24 2059
4883	7.9	8 8.33	3.5656	0.0204	28 25 57.2	14.675	0.348	75.6	83 368 437	28 1722
4884	8.2	8 29.24	3.5642	0.0204	28 24 11.2	14.696	0.347	75.9	83 368 550	28 1723
4885	9.0	8 33.53	3.5713	0.0207	28 45 20.8	14.700	0.348	78.3	6 obs.[10]	28 1725
4886	9.0	9 8 36.27	+3.4970	−0.0178	+25 2 29.4	−14.703	−0.340	75.2	68 82 367 557	25 2069
4887	9.5	8 47.31	3.5212	0.0188	26 18 15.4	14.714	0.343	74.3	193	— —
4888	8.5	8 49.10	3.5348	0.0193	26 59 5.1	14.715	0.343	75.7	72 280 365 551	27 1734
4889	9.5	8 53.76	3.5780	0.0210	29 6 58.1	14.720	0.347	82.7	78 1673	29 1881*
4890	8.7	9 29.75	3.4974	0.0179	25 9 27.1	14.756	0.339	74.9	68 82 557	25 2073
4891	8.9	9 9 52.70	+3.5616	−0.0205	+28 25 56.8	−14.778	−0.345	76.2	83 368 437 559	28 1727
4892	8.6	10 8.78	3.5316	0.0194	26 58 9.7	14.794	0.342	74.9	72 280 365	27 1737
4893	6.7	10 13.57	3.5509	0.0201	27 56 36.1	14.799	0.344	80.2	437 750 969	28 1729
4894	9.4	10 13.60	3.5688	0.0208	28 49 18.2	14.799	0.345	76.6	79 559 560	28 1728
4895	8.9	10 19.55	3.5518	0.0201	28 0 12.3	14.805	0.343	83.7	910 1064 1065 1066	28 1730
4896	7.0	9 10 27.95	+3.5738	−0.0211	+29 5 55.2	−14.813	−0.345	83.2	7 obs.	29 1883
4897	9.0	10 32.30	3.5221	0.0190	26 32 5.9	14.817	0.340	74.2	6 obs.[11]	26 1922
4898	9.4	10 34.11	3.5522	0.0202	28 2 52.7	14.819	0.343	88.2	1062 1674	28 1731*
4899	8.8	10 38.65	3.5645	0.0208	28 40 12.3	14.824	0.344	80.6	560 828 910	28 1732
4900	9.0	10 42.63	3.5937	0.0220	30 5 10.0	14.827	0.347	85.9	1165 1260 1261	*30 1842*

[1] Z. 73 78 640 750 751 830
[2] » 77 81 185 190 193 556 (2)
[3] » 79 83 282 368 1624
[4] » 68 82 360 367 557 (2)
[5] Z. 68 81 82 360 367
[6] » 557 562 747 750 751 829
[7] » 360 1666 1668 1673 1674
[8] » 76 77 81 447 556 747
[9] Z. 77 562 638 751 909
[10] » 79 559 560 563 750 829
[11] » 76 77 81 185 193 436

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4901	9.5	$9^h\ 10^m\ 43^s.07$	$+3^s.5443$	$-0^s.0199$	$+27°\ 40'\ 23''.0$	$-14''.828$	$-0''.342$	73.2	72	27° 1738*
4902	9.1	11 6.78	3.5503	0.0202	28 0 53.7	14.851	0.342	85.3	1166 1167 1168	28 1734*
4903	9.2	11 13.53	3.5051	0.0184	25 43 55.6	14.858	0.337	85.8	1169 1262	25 2076*
4904	8.9	11 31.23	3.5653	0.0208	28 47 48.1	14.875	0.341	75.6	5 obs.[1]	28 1735
4905	9.5	11 50.24	3.5680	0.0210	28 58 35.7	14.894	0.342	94.2	1904 1905 1906	29 1886
4906	6.8	9 11 56.61	+3.5238	−0.0192	+26 46 37.9	−14.900	−0.338	74.2	6 obs.[2]	26 1927
4907	9.0	11 58.43	3.5855	0.0217	29 50 27.8	14.902	0.344	75.2	73 78 640	29 1887
4908	8.8	12 5.69	3.4878	0.0178	24 55 42.6	14.909	0.334	76.2	68 82 557 750	25 2080
4909	8.0	12 14.06	3.5024	0.0185	25 42 30.1	14.917	0.335	82.3	557 1065 1066	25 2081
4910	9.0	12 16.21	3.5634	0.0208	28 48 12.4	14.919	0.342	75.6	5 obs.[3]	28 1737
4911	8.7	9 12 22.42	+3.5460	−0.0202	+27 56 52.4	−14.925	−0.339	85.2	969 1165 1260 1261	28 1738
4912	8.8	12 23.10	3.4845	0.0177	24 46 57.1	14.926	0.333	84.3	1064 1067 1068	24 2070
4913	8.1	12 34.06	3.5630	0.0209	28 49 5.5	14.936	0.340	74.9	79 83 560	28 1739
4914	7.6	12 34.58	3.4871	0.0179	24 56 41.1	14.937	0.333	74.9	68 82 557	25 2083
4915	9.0	12 43.12	3.5618	0.0209	28 46 31.9	14.945	0.340	93.2	1790 1791	28 1740
4916	8.5	9 12 43.23	+3.5402	−0.0201	+27 41 28.2	−14.945	−0.338	77.2	72 365 910	27 1742
4917	8.8	12 56.52	3.5349	0.0198	27 27 13.5	14.958	0.337	85.3	1166 1167 1168	27 1743
4918	8.8	13 3.93	3.5110	0.0189	26 14 22.5	14.965	0.334	74.2	6 obs.[4]	26 1931
4919	9.0	13 46.87	3.5650	0.0211	29 3 31.7	15.007	0.338	76.1	6 obs.[5]	29 1888
4920	9.1	13 51.89	3.5435	0.0203	27 59 44.2	15.012	0.336	85.9	1169 1262 1263	28 1741*
4921	7.0	9 13 54.31	+3.4988	−0.0185	+25 41 47.0	−15.014	−0.331	78.3	360 367 750 752	25 2084
4922	8.2	13 57.70	3.5148	0.0191	26 32 32.7	15.017	0.333	74.2	6 obs.[6]	26 1932
4923	8.7	14 11.15	3.5017	0.0186	25 53 16.1	15.030	0.332	75.7	68 82 557 562	25 2085
4924	7.8	14 19.56	3.5631	0.0211	29 1 44.1	15.039	0.337	74.2	73 78 189 363	29 1890
4925	8.6	14 23.72	3.5300	0.0198	27 22 32.4	15.043	0.334	75.9	72 365 551	27 1745
4926	9.5	9 14 24.54	+3.5189	−0.0193	+26 47 46.4	−15.043	−0.333	86.2	750 1664	26 1933*
4927	8.5	14 25.60	3.5710	0.0215	29 25 40.3	15.044	0.338	79.7	7 obs.	29 1891
4928	9.1	15 1.11	3.5722	0.0216	29 33 30.4	15.079	0.337	84.2	829 1163 1165 1166	29 1893*
4929	9.3	15 5.81	3.5222	0.0195	27 3 18.3	15.083	0.332	86.7	827 1673	27 1747*
4930	8.0	15 24.27	3.5069	0.0189	26 17 25.7	15.101	0.330	74.2	6 obs.[7]	26 1936
4931	9.0	9 15 52.59	+3.4870	−0.0182	+25 17 48.0	−15.128	−0.327	74.2	68 82 360	25 2087
4932	9.5	15 58.56	3.5236	0.0198	27 13 47.7	15.134	0.330	81.2	72 1519	27 1748*
4933	6.7	16 17.66	3.4940	0.0186	25 42 56.7	15.152	0.328	79.6	9 obs.	25 2088
4934	8.2	16 20.94	3.4778	0.0179	24 51 6.0	15.155	0.327	77.6	367 557 562	24 2077
4935	8.1	16 33.06	3.5459	0.0207	28 25 59.7	15.167	0.332	75.3	79 83 368 563	28 1745
4936	7.0	9 16 51.17	+3.5068	−0.0192	+26 27 14.0	−15.184	−0.327	75.1	9 obs.	26 1938
4937	8.8	16 54.56	3.5493	0.0209	28 39 2.2	15.187	0.331	77.0	368 369 437 563	28 1746
4938	7.3	17 1.24	3.4790	0.0180	24 59 25.7	15.194	0.325	80.1	7 obs.	25 2089
4939	9.2	17 7.87	3.5528	0.0211	28 51 28.1	15.200	0.332	74.6	79 83 437	28 1748
4940	4.0	17 22.35	3.5106	0.0194	26 43 8.5	15.214	0.327	74.5	76 81 193 447	26 1939
4941	8.4	9 17 25.73	+3.5202	−0.0198	+27 13 7.3	−15.217	−0.328	76.2	72 80 551 552 (2)	27 1750
4942	9.0	17 41.40	3.5718	0.0219	29 47 21.4	15.232	0.332	73.7	73 78 181 189	29 1896
4943	8.4	17 43.07	3.5760	0.0222	30 4 57.1	15.233	0.333	80.5	7 obs.[8]	30 1864
4944	8.0	17 44.85	3.4918	0.0186	25 45 39.9	15.235	0.324	80.5	68 557 562 1666	25 2091
4945	9.1	17 46.21	3.5702	0.0219	29 48 30.1	15.236	0.332	74.2	5 obs.[9]	29 1897*
4946	8.9	9 17 50.55	+3.5112	−0.0194	+26 47 58.9	−15.240	−0.326	79.8	8 obs.	26 1940
4947	8.3	18 0.23	3.4822	0.0183	25 16 15.7	15.250	0.323	80.1	367 751 752 (2) 969	25 2093
4948	9.3	18 2.99	3.4903	0.0186	25 43 10.2	15.252	0.324	86.7	824 1674	25 2092*
4949	8.6	18 6.34	3.5611	0.0216	29 23 27.4	15.255	0.331	76.6	286 370 560	29 1899
4950	9.5	18 11.94	3.5153	0.0196	27 3 19.7	15.261	0.326	80.5	5 obs.[10]	27 1751

[1] Z. 79 83 368 437 559
[2] » 76 77 81 185 193 447
[3] » 79 83 368 437 559
[4] » 76 77 81 185 193 447
[5] Z. 73 78 181 553 560 640
[6] » 76 77 81 185 193 447
[7] » 76 77 81 185 193 447
[8] Z. 286 370 553(2) 1163 1165 1166
[9] » 73 78 181 189 363
[10] » 559 750 827 829 830

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
4951	9.2	9h 18m 12.60	+3.4773	−0.0181	+25° 2′ 11.6	−15.261	−0.323	75.9	82 360 557	25° 2094
4952	9.1	18 18.63	3.4888	0.0186	25 39 47.2	15.267	0.324	79.6	5 obs.[1]	25 2095
4953	8.7	18 31.23	3.5086	0.0194	26 44 30.0	15.279	0.325	76.4	8 obs.	26 1941
4954	9.0	18 35.57	3.5706	0.0221	29 55 46.8	15.283	0.331	80.8	6 obs.[2]	30 1866
4955	8.2	18 40.41	3.5557	0.0215	29 11 26.1	15.288	0.328	76.2	189 363 560	29 1900
4956	9.3	9 18 47.44	+3.5716	−0.0222	+30 0 27.2	−15.294	−0.330	86.7	824 1672	30 1867*
4957	8.5	18 55.36	3.4960	0.0189	26 6 54.7	15.302	0.323	76.6	185 447 562	26 1942
4958	8.6	19 26.01	3.5094	0.0196	26 53 41.3	15.331	0.323	79.4	8 obs.	26 1944
4959	8.5	19 27.69	3.5341	0.0206	28 11 18.5	15.332	0.326	76.1	7 obs.[3]	28 1754
4960	8.5	19 58.95	3.5639	0.0220	29 46 28.7	15.361	0.328	74.7	7 obs.	29 1903
4961	9.5	9 20 16.96	+3.5256	−0.0204	+27 51 0.2	−15.378	−0.323	76.6	72 552 559	27 1754
4962	9.1	20 34.00	3.4863	0.0187	25 47 19.7	15.394	0.320	75.6	6 obs.[4]	25 2098
4963	9.4	20 46.70	3.4978	0.0192	26 25 58.7	15.406	0.319	81.2	76 81 1519 1520	26 1947*
4964	8.7	20 49.70	3.5413	0.0211	28 43 50.4	15.409	0.324	75.8	6 obs.[5]	28 1761
4965	9.0	20 49.79	3.4983	0.0193	26 28 9.9	15.409	0.320	75.5	7 obs.[6]	26 1948
4966	9.1	9 20 55.97	+3.5529	−0.0216	+29 20 30.0	−15.415	−0.325	79.2	78 181 1558	29 1904*
4967	9.0	21 0.27	3.5166	0.0201	27 27 51.9	15.419	0.321	79.4	5 obs.[7]	27 1756
4968	8.5	21 39.37	3.5018	0.0195	26 45 23.3	15.455	0.319	74.8	7 obs.	26 1951
4969	8.6	21 44.68	3.5273	0.0206	28 7 5.5	15.460	0.321	77.8	368 550 559 563	28 1763
4970	8.9	21 47.18	3.5341	0.0209	28 28 36.9	15.462	0.321	76.2	79 369 437 560	28 1764
4971	9.2	9 21 49.58	+3.4829	−0.0187	+25 45 17.5	−15.465	−0.317	86.8	830 1673	25 2100*
4972	9.5	22 5.94	3.5107	0.0199	27 17 3.4	15.480	0.319	73.2	80	27 1759*
4973	8.0	22 16.70	3.5225	0.0205	27 56 17.6	15.490	0.320	83.5	83 368 1664 1666	28 1765
4974	8.9	22 36.46	3.5492	0.0217	29 21 51.3	15.508	0.322	75.2	6 obs.[8]	29 1905
4975	8.0	22 41.79	3.5470	0.0216	29 15 46.3	15.513	0.321	74.9	181 189 363	29 1906
4976	9.3	9 22 47.03	+3.5085	−0.0199	+27 15 13.7	−15.518	−0.317	73.2	70 72 80	27 1761*
4977	8.3	22 53.66	3.4710	0.0183	25 13 34.9	15.524	0.313	74.2	68 82 194 360	25 2105
4978	8.5	23 4.75	3.5628	0.0224	30 7 13.0	15.534	0.322	85.2	1163 1165 1166	*30 1873*
4979	8.7	23 7.62	3.5537	0.0220	29 39 36.4	15.537	0.321	74.2	73 78 189 370	29 1907
4980	9.0	23 8.71	3.4783	0.0187	25 39 29.7	15.538	0.314	76.7	68 194 367 969	25 2106
4981	9.5	9 23 28.83	+3.5191	−0.0205	+27 54 37.5	−15.556	−0.317	82.7	79 1677	28 1767*
4982	9.0	23 41.59	3.4728	0.0185	25 25 15.1	15.568	0.312	75.9	82 360 557	25 2108
4983	9.3	23 43.24	3.5073	0.0200	27 18 24.8	15.570	0.316	82.7	72 1672	27 1765*
4984	8.8	23 46.10	3.5554	0.0221	29 50 10.9	15.572	0.320	74.7	78 181 286 363	29 1908
4985	8.5	23 53.30	3.4755	0.0187	25 35 41.9	15.579	0.312	85.7	1167 1168 1260 1261	25 2109
4986	9.3	9 23 54.31	+3.4887	−0.0192	+26 19 23.6	−15.580	−0.314	73.2	77 81	— —
4987	6.8	23 59.53	3.5184	0.0206	27 56 8.6	15.585	0.316	76.3	7 obs.[9]	28 1768
4988	9.0	24 14.57	3.4762	0.0187	25 40 11.2	15.598	0.312	80.7	5 obs.[10]	25 2110
4989	8.6	24 18.82	3.4633	0.0182	24 57 47.8	15.602	0.310	81.4	6 obs.[11]	25 2111
4990	9.0	24 23.80	3.4879	0.0193	26 20 25.9	15.607	0.313	78.1	9 obs.	26 1957
4991	8.5	9 24 26.23	+3.5056	−0.0200	+27 18 16.3	−15.609	−0.314	74.5	70 72 80 551	27 1768
4992	9.0	24 30.92	3.4699	0.0185	25 21 23.5	15.613	0.311	79.7	5 obs.[12]	25 2112
4993	8.5	24 39.18	3.4724	0.0186	25 30 43.3	15.621	0.311	75.6	82 287 557	25 2113
4994	8.0	24 47.42	3.5061	0.0201	27 22 40.2	15.628	0.314	78.3	552 (2) 559 561 563	27 1770
4995	9.3	24 56.32	3.4802	0.0190	25 58 53.2	15.637	0.311	82.7	81 1674	26 1959*
4996	9.2	9 25 5.32	+3.4810	−0.0190	+26 2 31.1	−15.645	−0.311	86.8	830 1673	26 1960*
4997	8.9	25 7.15	3.5577	0.0224	30 8 10.0	15.647	0.318	85.6	1163 1165 1263	*30 1875*
4998	9.3	25 7.80	3.4769	0.0188	25 49 17.8	15.647	0.311	74.5	68 82 287 360	25 2114
4999	9.2	25 15.57	3.4803	0.0190	26 1 32.9	15.654	0.310	77.9	9 obs.	26 1961
5000	9.1	25 19.35	3.5097	0.0203	27 38 8.9	15.658	0.313	89.2	1259 1677	27 1774*

[1] Z. 68 751 825 832 910
[2] » 640(2) 747 826 830 969
[3] » 79 83 368 369 437 550 563
[4] » 68 82 194 360 557(2)
[5] Z. 79 83 368 369 437 563
[6] » 76 77 185 193 447 561(2)
[7] » 72 80 551 1266 1269
[8] » 73 78 181 286 370 640
[9] Z. 79 83 368 369 560(2) 563
[10] » 557 751 752 830 969
[11] » 825 826 828 832(2) 910
[12] » 194 562 827 829 969

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5001	7.0	9h 25m 28s.28	+3s.5076	−0s.0202	+27° 32′ 49″.2	−15″.666	−0″.313	80.2	8 obs.	27° 1775
5002	9.4	25 39.36	3.4777	0.0189	25 55 37.6	15.676	0.310	77.7	185 193 825 828	26 1962
5003	9.5	25 41.39	3.4787	0.0190	25 59 28.0	15.678	0.310	73.2	81	26 1963*
5004	8.3	25 42.64	3.5108	0.0204	27 44 55.5	15.679	0.312	80.3	563 751 752 910	27 1776
5005	7.0	25 58.89	3.5321	0.0214	28 55 14.6	15.694	0.314	75.7	9 obs.	29 1913
5006	9.5	9 26 8.24	+3.5129	−0.0205	+27 54 44.5	−15.702	−0.312	78.3	559	— —
5007	8.8	26 9.03	3.5414	0.0218	29 25 57.8	15.703	0.315	74.7	7 obs.	29 1914
5008	9.5	26 16.42	3.5116	0.0205	27 52 4.6	15.709	0.311	75.7	72 561	27 1778
5009	9.0	26 30.44	3.4929	0.0197	26 52 40.9	15.722	0.310	75.3	5 obs.[1]	26 1965
5010	9.1	26 40.53	3.4557	0.0181	24 48 59.9	15.731	0.305	85.8	1169 1170 1260 1261	24 2102*
5011	8.0	9 26 42.75	+3.5113	−0.0206	+27 54 17.5	−15.733	−0.311	74.5	70 72 80 563	27 1779
5012	8.3	26 45.06	3.5012	0.0201	27 21 35.9	15.735	0.310	80.7	7 obs.[2]	27 1780
5013	8.9	26 46.30	3.4662	0.0186	25 25 35.2	15.737	0.306	80.6	10 obs.	25 2118
5014	9.4	26 59.92	3.5197	0.0210	28 23 54.1	15.749	0.311	85.9	79 1672 1674	28 1769*
5015	8.2	27 50.70	3.5194	0.0211	28 29 19.8	15.795	0.309	76.4	6 obs.[3]	28 1771
5016	9.0	9 27 50.86	+3.4644	−0.0187	+25 27 34.1	−15.795	−0.304	74.6	5 obs.[4]	25 2121
5017	8.5	27 52.04	3.5267	0.0214	28 53 27.3	15.796	0.310	78.2	368 437 825	28 1772
5018	7.7	27 54.67	3.4873	0.0197	26 44 54.6	15.798	0.306	74.4	5 obs.[5]	26 1974
5019	8.8	28 16.04	3.5033	0.0204	27 40 20.6	15.817	0.307	76.2	5 obs.[6]	27 1781
5020	9.0	28 16.83	3.4893	0.0198	26 54 34.6	15.818	0.306	75.4	5 obs.[7]	26 1977
5021	8.8	9 28 26.73	+3.5462	−0.0224	+29 59 34.9	−15.827	−0.311	78.5	8 obs.	30 1879
5022	9.1	28 53.09	3.5114	0.0209	28 12 0.5	15.851	0.306	75.9	83 369 550	28 1773
5023	9.5	29 8.62	3.4852	0.0197	26 47 13.8	15.864	0.304	79.3	8 obs.	26 1980
5024	9.0	29 12.95	3.5235	0.0214	28 53 50.9	15.868	0.307	75.6	79 368 437	28 1774
5025	9.3	29 16.61	3.5340	0.0220	29 27 52.8	15.871	0.308	74.2	5 obs.[8]	29 1919
5026	9.5	9 29 17.53	+3.5226	−0.0214	+28 51 41.3	−15.872	−0.307	73.2	79	28 1775*
5027	8.9	29 18.20	3.5163	0.0211	28 31 21.2	15.873	0.306	78.9	6 obs.[9]	28 1776
5028	8.8	29 23.76	3.5445	0.0224	30 2 24.7	15.878	0.309	83.0	363 1167 1169 1171	30 1883
5029	9.4	29 26.36	3.4911	0.0200	27 9 14.1	15.880	0.304	74.5	70 72 80 559	27 1787
5030	7.3	29 31.90	3.5120	0.0210	28 19 1.4	15.885	0.306	92.7	1673 1790	28 1780
5031	8.9	9 29 33.87	+3.5159	−0.0211	+28 32 2.4	−15.887	−0.306	80.6	6 obs.[10]	28 1779
5032	9.0	29 35.87	3.5182	0.0212	28 39 57.6	15.889	0.306	85.0	5 obs.[11]	28 1781
5033	9.4	29 38.01	3.4840	0.0197	26 47 28.0	15.890	0.303	77.5	76 77 185 1519	26 1981*
5034	9.3	29 39.66	3.5209	0.0214	28 49 22.7	15.892	0.306	79.6	368 825 830	28 1782
5035	9.3	29 42.51	3.5059	0.0207	28 0 39.7	15.895	0.305	80.1	6 obs.[12]	28 1783
5036	9.1	9 30 13.81	+3.4673	−0.0190	+25 55 7.7	−15.922	−0.300	80.6	5 obs.[13]	25 2124*
5037	9.5	30 18.58	3.4859	0.0199	26 58 56.2	15.927	0.302	76.6	72 559 561	27 1788
5038	8.9	30 25.51	3.4501	0.0183	24 57 25.8	15.933	0.299	74.5	68 82 287 360	25 2126
5039	6.5	30 40.54	3.4543	0.0185	25 13 51.4	15.946	0.299	80.8	7 obs.[14]	25 2127
5040	9.0	31 1.06	3.4623	0.0189	25 43 53.8	15.964	0.299	75.0	82 194 360 367	25 2128
5041	8.3	9 31 10.23	+3.4652	−0.0190	+25 55 38.4	−15.972	−0.299	75.2	8 obs.	26 1985
5042	7.9	31 10.38	3.5123	0.0212	28 33 59.7	15.972	0.303	78.4	7 obs.	28 1785
5043	9.4	31 16.12	3.5106	0.0211	28 29 0.6	15.977	0.303	78.2	550 559 560	28 1786
5044	8.7	31 19.14	3.4857	0.0200	27 6 19.9	15.980	0.300	74.9	70 72 80 84 552(2)	27 1790
5045	9.0	31 29.77	3.5291	0.0221	29 30 59.7	15.989	0.303	74.7	7 obs.	29 1924
5046	9.4	9 31 39.63	+3.4881	−0.0201	+27 17 19.3	−15.998	−0.300	90.7	1520 1664	— —
5047	9.0	31 46.38	3.4465	0.0182	24 54 44.6	16.004	0.296	73.9	68 82 287	25 2130
5048	8.8	31 47.04	3.4739	0.0195	26 30 3.4	16.005	0.298	75.8	76 193 447 556	26 1987
5049	9.2	31 49.85	3.4868	0.0201	27 13 52.0	16.007	0.300	81.2	80 1519	27 1791*
5050	6.9	32 1.47	3.4634	0.0190	25 55 44.3	16.017	0.297	75.8	5 obs.[15]	26 1989

[1] Z. 76 77 193 447 562
[2] » 552 564 752 832(2) 909 969
[3] » 79 83 368 369 560 831
[4] » 68 82 194 360 367
[5] » 77 81 185 193 447
[6] Z. 70 80 551 552 559
[7] » 76 77 185 561 562
[8] » 73 78 181 189 370
[9] » 437 550 560 563 751 828
[10] » 560 751 828 831 832(2)
[11] Z. 752 1259 1260 1261 1262
[12] » 83 747 752 829 909 969
[13] » 81 185 1163 1165 1166
[14] » 194 367 557(2) 1265 1266 1267
[15] » 81 185 288 556 562

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5051	9.0	$9^h\ 32^m\ 46^s.12$	$+3^s.5205$	$-0^s.0218$	$+29°\ 14'\ 2''.5$	$-16''.056$	$-0''.301$	74.7	7 obs.	29° 1926
5052	9.2	32 46.30	3.5138	0.0215	28 51 55.9	16.057	0.300	75.7	79 368 369 437	28 1792
5053	9.0	33 2.72	3.5119	0.0214	28 48 7.3	16.071	0.300	77.6	368 559 560	28 1793
5054	8.2	33 13.73	3.4548	0.0188	25 35 10.8	16.080	0.294	75.7	7 obs.[1]	25 2134
5055	8.0	33 22.23	3.4714	0.0196	26 34 13.0	16.088	0.295	74.4	7 obs.	26 1990
5056	9.0	9 33 39.73	+3.5025	−0.0211	+28 22 24.5	−16.103	−0.298	75.9	79 369 550	28 1795
5057	8.7	33 48.12	3.4814	0.0202	27 11 48.1	16.110	0.296	79.5	7 obs.	27 1794
5058	8.9	33 55.72	3.4894	0.0206	27 40 8.0	16.117	0.296	77.7	72 84 551 1269	27 1795
5059	8.6	34 20.11	3.5036	0.0212	28 31 21.1	16.138	0.296	78.4	6 obs.[2]	28 1797
5060	9.2	34 25.19	3.5026	0.0212	28 28 48.5	16.143	0.296	87.2	437 1672 1674	— —
5061	7.9	9 34 25.51	+3.5200	−0.0220	+29 26 16.0	−16.143	−0.298	74.4	6 obs.[3]	29 1933
5062	6.6	34 26.84	3.4674	0.0195	26 28 50.3	16.144	0.293	76.1	10 obs.	26 1991
5063	9.5	34 45.68	3.5278	0.0224	29 55 10.1	16.160	0.296	76.0	181 286 370 560	30 1896
5064	8.4	34 49.77	3.5156	0.0218	29 15 36.4	16.164	0.297	78.2	5 obs.[4]	29 1936
5065	7.7	35 10.53	3.4601	0.0192	26 9 29.8	16.182	0.291	74.7	77 81 193 556	26 1993
5066	9.4	9 35 15.58	+3.4366	−0.0183	+24 47 0.5	−16.186	−0.289	74.8	5 obs.[5]	24 2119
5067	8.5	35 43.03	3.4254	0.0178	24 10 15.7	16.210	0.288	85.9	1166 1259 1263	*24 2121*
5068	8.6	36 0.50	3.4860	0.0206	27 46 0.3	16.225	0.292	75.2	72 80 84 552(2)	27 1800
5069	9.0	36 8.50	3.4355	0.0182	24 49 38.7	16.231	0.288	73.6	68 82 194	24 2122
5070	8.6	36 14.28	3.4412	0.0186	25 10 34.6	16.236	0.288	78.5	287 367 825 828	25 2141
5071	8.9	9 36 16.19	+3.4407	−0.0185	+25 9 28.1	−16.238	−0.288	75.8	287 367	25 2142
5072	9.0	36 37.44	3.4935	0.0211	28 17 1.9	16.256	0.291	75.3	79 368 369	28 1800
5073	9.2	36 46.16	3.4692	0.0199	26 54 31.8	16.264	0.289	81.6	829 830 909	26 1995*
5074	8.8	36 55.29	3.4512	0.0191	25 52 15.7	16.271	0.287	85.3	969 1265 1266	25 2144
5075	8.6	36 59.23	3.5119	0.0220	29 22 17.4	16.275	0.292	75.4	6 obs.[6]	29 1939
5076	8.9	9 37 1.08	+3.4520	−0.0191	+25 55 36.2	−16.276	−0.287	88.9	828 1668 1790	26 1996
5077	9.0	37 13.30	3.4496	0.0190	25 48 46.9	16.287	0.287	81.9	829 831 970	25 2146
5078	9.1	37 29.58	3.4839	0.0207	27 51 27.1	16.301	0.289	80.5	559 563 904 969	27 1804
5079	7.4	37 36.34	3.5087	0.0220	29 16 52.2	16.306	0.291	83.6	972 973 1065	29 1942
5080	9.2	37 44.42	3.4838	0.0207	27 52 59.7	16.313	0.288	87.3	911 1677	27 1805*
5081	7.3	9 37 56.18	+3.4908	−0.0211	+28 18 54.5	−16.323	−0.289	78.3	79 559 560 970	28 1802
5082	9.1	37 57.61	3.5077	0.0220	29 16 49.0	16.324	0.290	83.3	5 obs.[7]	29 1943
5083	7.8	38 41.36	3.4767	0.0205	27 37 14.7	16.361	0.286	84.6	828 1064 1447	27 1806
5084	8.8	38 59.92	3.4884	0.0212	28 20 26.0	16.377	0.287	80.5	559 560 829 1066	28 1804
5085	9.5	39 25.60	3.4278	0.0182	24 47 53.4	16.399	0.281	94.2	1903 1905	24 2132
5086	8.5	9 39 32.44	+3.4726	−0.0204	+27 29 58.9	−16.404	−0.285	83.3	911 1064	27 1808
5087	8.4	39 41.34	3.4762	0.0206	27 44 5.5	16.412	0.284	82.6	828 969 970	27 1809
5088	9.5	40 16.29	3.4320	0.0186	25 10 32.9	16.441	0.280	94.3	1906 1910 1911 1913	25 2150
5089	9.3	40 23.47	3.4587	0.0198	26 48 25.8	16.447	0.282	76.0	81 193 556 562	26 2005
5090	9.0	40 45.41	3.4728	0.0206	27 41 28.3	16.465	0.282	76.6	84 551 561	27 1811
5091	9.5	9 41 3.16	+3.5035	−0.0222	+29 30 45.9	−16.480	−0.284	75.8	78 181 286 560(2)	29 1947
5092	7.7	41 4.89	3.4962	0.0218	29 6 1.8	16.482	0.283	74.5	73 189 363	29 1948
5093	9.1	41 22.83	3.4390	0.0190	25 45 15.4	16.496	0.278	74.8	194 287	25 2153
5094	9.2	41 25.12	3.4397	0.0190	25 47 41.4	16.498	0.278	83.3	194 1674	25 2154*
5095	7.8	41 35.78	3.4283	0.0185	25 7 34.0	16.507	0.277	75.9	68 367 562	25 2155
5096	8.5	9 41 42.49	+3.5113	−0.0226	+30 3 35.3	−16.513	−0.284	74.2	78 181 189 286	30 1917
5097	9.5	41 42.74	3.4602	0.0201	27 5 12.0	16.513	0.279	81.0	77 563 1266 1267	27 1813
5098	8.6	42 5.57	3.4256	0.0184	25 1 25.5	16.532	0.276	79.9	557 752 829	25 2157
5099	9.1	42 11.72	3.4857	0.0214	28 39 46.7	16.537	0.281	76.6	79 550 563	28 1810
5100	8.9	42 13.04	3.4377	0.0190	25 47 23.2	16.538	0.277	78.7	5 obs.[8]	25 2158

[1] Z. 68 82 194 360 367 557(2)
[2] » 79 368 369 437 563 1520
[3] » 73 78 181 189 286 363
[4] Z. 73 78 189 1163 1165
[5] » 68 82 194 287 557
[6] » 73 78 286 363 370 560
[7] Z. 830 831 972 1163 1165
[8] » 68 194 831 910 911

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5101	8.4	9h 42m 23s.42	+3s.4242	−0s.0184	+24° 58′ 51″.7	−16″.547	−0″.275	85.6	1163 1165 1263	25° 2159
5102	9.3	42 23.82	3.4482	0.0196	26 27 47.6	16.547	0.276	82.6	830 970 972	26 2008*
5103	9.0	42 29.75	3.4288	0.0186	25 16 56.1	16.552	0.275	85.9	1166 1167 1366	25 2160
5104	9.0	42 30.55	3.4434	0.0194	26 10 58.1	16.553	0.276	93.2	1790 1791	26 2009
5105	9.5	42 34.64	3.4411	0.0192	26 3 27.2	16.556	0.276	77.4	6 obs.[1]	26 2010*
5106	9.2	9 42 34.94	+3.4393	−0.0192	+25 56 49.4	−16.556	−0.276	88.3	751 1668 1677	— —
5107	8.6	42 49.80	3.4395	0.0192	25 59 24.8	16.568	0.275	78.6	6 obs.[2]	26 2013
5108	8.9	42 56.54	3.4628	0.0204	27 25 6.1	16.574	0.277	75.8	80 84 551 561	27 1814
5109	7.0	43 4.11	3.4252	0.0185	25 8 31.5	16.580	0.274	81.3	367 557 1169 1171	25 2163
5110	8.9	43 9.98	3.4477	0.0196	26 32 30.1	16.585	0.275	81.3	564 641 1262	26 2014
5111	9.0[3]	9 43 19.59	+3.4487	−0.0197	+26 37 23.3	−16.593	−0.275	77.5	77 81 556 1172	26 2015
5112	9.0	43 59.72	3.4958	0.0222	29 32 1.6	16.626	0.278	79.9	363 829 911	29 1954
5113	9.0	44 8.01	3.4316	0.0190	25 41 36.1	16.632	0.273	83.3	6 obs.[4]	25 2164
5114	8.8	44 14.56	3.4289	0.0188	25 32 32.1	16.637	0.272	83.7	5 obs.[5]	25 2165
5115	8.5	44 18.08	3.4716	0.0210	28 9 24.9	16.640	0.275	84.4	5 obs.[6]	28 1814
5116	9.0	9 44 24.19	+3.4266	−0.0187	+25 24 47.9	−16.645	−0.272	85.6	909 1259 1447	25 2166
5117	9.0	44 32.07	3.4243	0.0186	25 17 37.5	16.652	0.271	90.3	1263 1672 1677	25 2168
5118	8.6	44 34.19	3.4501	0.0199	26 53 49.3	16.654	0.273	79.8	562 827	26 2017
5119	5.8	44 47.17	3.4188	0.0184	24 59 7.7	16.664	0.270	84.3	1064 1068 1072	25 2169
5120	8.6	44 50.92	3.4989	0.0225	29 51 3.4	16.667	0.277	85.6	1166 1167 1269	29 1956
5121	8.8	9 44 57.60	+3.4589	−0.0204	+27 29 27.0	−16.672	−0.273	85.3	563 1673	27 1818
5122	7.9	45 8.08	3.4301	0.0190	25 44 36.8	16.681	0.271	83.3	911 1066	25 2170
5123	9.0	45 8.70	3.4862	0.0218	29 9 9.4	16.682	0.275	83.3	829 1169	29 1958
5124	8.0[7]	45 14.49	3.4595	0.0205	27 34 20.4	16.686	0.273	81.3	564 910 969	27 1819
5125	9.1	45 15.26	3.4393	0.0195	26 20 4.7	16.687	0.271	80.8	562 975	26 2018
5126	7.4	9 45 16.40	+3.4724	−0.0212	+28 21 34.2	−16.688	−0.274	84.3	1067 1069 1073	28 1815
5127	9.5	45 17.06	3.4252	0.0188	25 27 39.3	16.688	0.270	83.3	970	25 2171*
5128	9.0	45 28.03	3.4927	0.0222	29 35 23.8	16.697	0.275	89.2	1262 1674	29 1959
5129	9.0	45 33.92	3.4953	0.0224	29 45 18.4	16.702	0.275	93.2	1790 1791	29 1961
5130	**4.0**	**45 39.09**	**3.4425**	**0.0197**	**26 35 40.4**	**16.706**	**0.271**		**Fund. Cat.**	**26 2019**
5131	8.9	9 46 24.82	+3.4934	−0.0224	+29 46 58.0	−16.743	−0.273	82.7	5 obs.[8]	29 1963
5132	7.2	46 28.94	3.4350	0.0194	26 15 20.0	16.746	0.268	84.6	5 obs.[9]	26 2021
5133	8.7	46 34.70	3.4416	0.0198	26 40 45.2	16.751	0.269	89.2	5 obs.[10]	26 2022
5134	9.0	46 43.48	3.4445	0.0199	26 52 45.8	16.758	0.269	80.2	193 1261	26 2023
5135	8.3	46 47.71	3.4937	0.0224	29 48 3.6	16.761	0.272	83.8	973 1067	29 1964
5136	7.3	9 46 47.80	+3.4672	−0.0211	+28 17 0.4	−16.761	−0.271	79.3	368 563 970	28 1816
5137	8.8	46 50.23	3.4604	0.0208	27 52 44.3	16.763	0.270	81.0	563 564 1269	27 1821
5138	9.0	46 52.69	3.4800	0.0217	29 3 57.4	16.765	0.271	81.9	560 827 1262	29 1966
5139	9.1	47 5.19	3.4423	0.0198	26 47 48.4	16.775	0.268	78.0	81 564 641 827	26 2024
5140	8.0	47 23.95	3.4821	0.0220	29 16 35.5	16.790	0.270	77.5	5 obs.[11]	29 1969
5141	8.9	9 47 33.05	+3.4596	−0.0209	+27 56 29.4	−16.797	−0.269	75.9	79 369 550	28 1818
5142	8.9	47 40.88	3.4869	0.0222	29 36 38.4	16.804	0.270	86.8	1166 1167 1366 1520	29 1970
5143	7.4	48 0.42	3.4154	0.0186	25 13 51.3	16.819	0.264	81.0	7 obs.	25 2178
5144	8.6	48 35.89	3.4230	0.0190	25 48 22.4	16.847	0.264	80.5	562 751 752 972	25 2180
5145	8.1	48 42.13	3.4485	0.0204	27 26 31.6	16.852	0.265	75.8	77 84 551 563	27 1824
5146	9.1	9 48 50.14	+3.4850	−0.0223	+29 41 21.3	−16.859	−0.268	74.9	6 obs.[12]	29 1971
5147	8.0	48 58.04	3.4343	0.0197	26 35 25.4	16.865	0.264	75.5	8 obs.	26 2026
5148	8.6	49 14.72	3.4138	0.0186	25 14 47.2	16.878	0.262	78.9	194 827 831	25 2182
5149	8.7	49 16.76	3.4137	0.0186	25 19 0.0	16.880	0.262	75.9	194 287 557	25 2183
5150	8.5	49 39.30	3.4179	0.0189	25 38 48.8	16.897	0.261	81.5	751 828 831 972	25 2184

[1] Z. 77 81 193 825 827 828
[2] » 76 556 562 564 751 969
[3] Close double; middle
[4] Z. 909 910 970 972 1069 1071
[5] Z. 972 973 975 1065 1066
[6] » 969 1064 1067 1163 1165
[7] Close double; middle
[8] Z. 829 909 911 969 1069
[9] Z. 1064 1065 1066 1163 1165
[10] » 975 1263 1667 1668 1673
[11] » 78 363 370 752 829
[12] » 78 181 189 286 363 370

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5151	8.0	$9^h\ 49^m\ 43^s.92$	$+3^s.4662$	$-0^s.0214$	$+28°\ 41'\ 25''.4$	$-16''.901$	$-0''.265$	76.2	79 368 437 563	28° 1822
5152	9.0	49 43.98	3.4820	0.0223	29 39 24.0	16.901	0.266	75.9	6 obs.[1]	29 1973
5153	9.0	49 45.53	3.4717	0.0217	29 2 12.8	16.902	0.266	78.6	181 370 1166	29 1974
5154	8.5	49 47.35	3.4164	0.0189	25 34 12.8	16.904	0.261	81.0	557 828 829 969	25 2185
5155	8.8	49 59.49	3.4569	0.0211	28 10 6.7	16.913	0.263	82.6	5 obs.[2]	28 1823
5156	7.5	9 50 2.63	+3.4728	−0.0218	+29 9 13.6	−16.916	−0.265	78.2	189 909	29 1975
5157	9.0	50 10.74	3.4814	0.0223	29 41 50.0	16.922	0.266	78.4	5 obs.[3]	29 1976
5158	8.4	50 14.32	3.4824	0.0224	29 45 55.3	16.925	0.266	79.7	5 obs.[4]	29 1977
5159	8.0	50 16.00	3.4126	0.0187	25 23 23.8	16.926	0.260	80.6	562 829 909	25 2186
5160	9.2	50 20.00	3.4356	0.0199	26 52 58.8	16.929	0.262	78.4	10 obs.	26 2028
5161	9.0	9 50 33.04	+3.4869	−0.0227	+30 5 2.5	−16.939	−0.265	85.3	1167 1169 1174	*30 1936*
5162	9.2	50 37.45	3.4252	0.0194	26 15 52.8	16.943	0.260	77.5	193 562 564 641	26 2029
5163	8.3	50 43.11	3.4088	0.0186	25 12 39.3	16.947	0.259	81.3	287 969 970 972	25 2189
5164	9.3	50 55.33	3.4365	0.0200	27 2 12.2	16.957	0.260	73.3	80 84	27 1832*
5165	8.7	51 9.15	3.4702	0.0219	29 10 37.1	16.968	0.263	77.0	189 363 370 830	29 1979
5166	9.1	9 51 10.91	+3.4842	−0.0226	+30 2 17.4	−16.969	−0.264	81.3	825 827 829	30 1939
5167	8.8	51 14.77	3.4684	0.0218	29 5 5.6	16.972	0.262	81.3	751 752 970	29 1980
5168	8.1	51 15.74	3.4855	0.0227	30 7 47.5	16.973	0.264	85.3	1171 1172 1173	*30 1940*
5169	6.5	51 16.78	3.4565	0.0212	28 21 16.9	16.974	0.261	79.0	368 369 448 1269	28 1824
5170	9.5	51 33.34	3.4489	0.0216	27 54 59.9	16.986	0.260	76.6	79 550 563	28 1825
5171	8.5	9 51 51.91	+3.4028	−0.0184	+24 59 42.6	−17.001	−0.256	75.9	194 287 557	25 2190
5172	9.5	51 59.50	3.4335	0.0200	27 1 19.1	17.007	0.258	79.3	80 84 561 1677	27 1834
5173	7.9	52 9.42	3.4505	0.0210	28 7 17.6	17.014	0.259	76.2	79 369 437 (2) 448	28 1826
5174	8.7	52 16.18	3.4186	0.0193	26 5 26.6	17.019	0.257	79.5	9 obs.	26 2030
5175	6.0	52 23.41	3.4842	0.0228	30 14 34.1	17.025	0.262	85.3	1166 1167 1169	*30 1946*
5176	9.0	9 52 27.84	+3.4727	−0.0222	+29 33 27.2	−17.028	−0.260	74.2	78 181 189 286	29 1983
5177	8.4	52 32.53	3.4283	0.0198	26 46 0.0	17.032	0.257	76.1	6 obs.[5]	26 2031
5178	8.9	52 36.75	3.4782	0.0225	29 54 52.8	17.035	0.261	78.9	286 370 1174	30 1947
5179	7.5	52 59.98	3.4026	0.0185	25 9 4.9	17.053	0.254	80 5	557 751 752 972	25 2191
5180	7.9	53 29.87	3.4573	0.0215	28 46 35.1	17.076	0.257	77.9	6 obs.[6]	28 1827
5181	9.5	9 53 42.03	+3.3953	−0.0182	+24 46 38.5	−17.085	−0.252	75.9	194 287 557	24 2164
5182	7.2	54 6.87	3.4653	0.0221	29 22 59.9	17.104	0.256	77.2	5 obs.[7]	29 1986
5183	8.5	54 23.66	3.4610	0.0219	29 9 54.8	17.117	0.255	74.7	181 286	29 1987
5184	8.5	54 28.74	3.4600	0.0218	29 7 14.1	17.121	0.255	77.6	10 obs.	29 1988
5185	9.1	54 36.86	3.3886	0.0179	24 26 55.9	17.127	0.250	85.3	1166 1167 1169	*24 2166*
5186	9.5	9 54 43.10	+3.4173	−0.0194	+26 16 28.1	−17.132	−0.252	73.2	77	— —
5187	9.4	54 51.65	3.3970	0.0184	25 4 11.3	17.138	0.250	75.9	194 287 557	25 2194
5188	9.5	55 13.72	3.4242	0.0200	26 56 56.1	17.155	0.252	76.6	84 561 563	27 1837
5189	8.7	55 16.97	3.4082	0.0192	25 53 32.7	17.157	0.252	76.3	194 557	25 2195
5190	9.5	55 46.34	3.4278	0.0202	27 16 17.1	17.180	0.251	74.9	80 84 561	27 1839
5191	9.3	9 56 22.80	+3.4115	−0.0194	+26 17 33.1	−17.207	−0.248	75.7	7 obs.	26 2036
5192	9.3	56 27.36	3.4122	0.0195	26 21 4.8	17.210	0.248	77.0	76 561 562 564	26 2037
5193	9.0	56 35.19	3.4497	0.0216	28 50 4.7	17.216	0.251	76.2	6 obs.[8]	28 1833
5194	9.5	56 57.56	3.4366	0.0208	28 3 8.7	17.233	0.249	77.6	368 550 563	28 1834
5195	9.5	57 7.98	3.4073	0.0193	26 7 58.0	17.241	0.247	85.3	1169 1171 1172	26 2039
5196	8.8	9 57 10.90	+3.4026	−0.0190	+25 49 42.4	−17.243	−0.247	75.3	89 194 287 557	25 2197
5197	9.5	57 23.38	3.4130	0.0196	26 33 50.9	17.252	0.247	78.5	5 obs.[9]	26 2040*
5198	7.6	57 25.03	3.4431	0.0212	28 27 5.0	17.253	0.249	78.3	5 obs.[10]	28 1835
5199	8.1	57 26.10	3.4022	0.0191	25 50 7.9	17.254	0.246	75.3	89 194 287 557	25 2198
5200	9.5	57 28.10	3.4288	0.0205	27 37 44.0	17.256	0.247	74.9	80 84 563	27 1842

[1] Z. 78 189 286 363 560 (2)
[2] » 79 368 437 1790 1791
[3] » 181 286 751 825 827
[4] » 78 752 830 831 910
[5] Z. 76 77 288 555 562 564
[6] » 79 368 369 448 563 1263
[7] » 78 189 363 370 1269
[8] Z. 79 368 369 437 (2) 448
[9] » 81 447 562 751 972
[10] » 79 369 448 550 1263

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
5201	8.5	$9^h 58^m 21^s.23$	+3s.3926	−0s.0186	+25° 19′ 33″.0	−17″.295	−0″.243	74.3	89 194 287	25° 2199
5202	8.7	58 22.70	3.4185	0.0201	27 5 47.3	17.296	0.245	74.9	80 84 561	27 1844
5203	8.4	58 24.23	3.3939	0.0187	25 25 41.5	17.297	0.243	76.9	198 557 562	25 2200
5204	8.4	58 29.97	3.4522	0.0220	29 19 47.0	17.301	0.247	74.2	5 obs. [1]	29 1990
5205	8.8	58 32.83	3.4507	0.0219	29 14 38.5	17.304	0.247	75.2	189 286 370	29 1991
5206	9.4	9 58 50.27	+3.4645	−0.0226	+30 1 14.7	−17.317	−0.247	93.2	1791 1792	30 1958
5207	9.0	58 53.49	3.4080	0.0196	26 28 24.1	17.319	0.242	74.5	5 obs. [2]	26 2042
5208	9.4	59 21.30	3.4469	0.0218	29 8 50.5	17.339	0.245	79.6	286 751 969	29 1994
5209	9.0	59 23.18	3.4349	0.0211	28 22 18.6	17.341	0.244	76.0	79 368 369 563	28 1838
5210	9.2	59 32.97	3.4020	0.0193	26 10 26.3	17.348	0.241	74.5	5 obs. [3]	26 2045
5211	8.9	9 59 47.19	+3.4515	−0.0222	+29 31 43.8	−17.358	−0.245	79.2	5 obs. [4]	29 1998
5212	9.2	59 48.54	3.3875	0.0186	25 12 53.7	17.359	0.240	79.1	5 obs. [5]	25 2201
5213	9.0	59 50.19	3.4447	0.0218	29 6 5.5	17.360	0.244	77.4	5 obs. [6]	29 1999
5214	6.8	59 58.05	3.4602	0.0227	30 7 18.9	17.366	0.245	85.3	1167 1169 1171	*30 1961*
5215	8.6	10 0 0.71	3.4593	0.0226	30 4 8.6	17.368	0.245	85.3	1172 1173	*30 1962*
5216	8.0	10 0 4.68	+3.4556	−0.0224	+29 50 41.2	−17.371	−0.245	73.8	74 78 90 286	29 2000
5217	8.4	0 15.66	3.4196	0.0204	27 30 23.2	17.379	0.241	74.9	80 84 563	27 1847
5218	7.8	0 22.49	3.4176	0.0203	27 23 34.5	17.384	0.241	75.8	80 564	27 1848
5219	8.8	0 25.79	3.4364	0.0214	28 39 30.8	17.386	0.242	75.8	79 368 369 448	28 1841
5220	8.9	0 46.24	3.4149	0.0202	27 16 38.8	17.401	0.240	80.9	563 828 974	27 1850
5221	8.8	10 0 50.19	+3.4121	−0.0201	+27 5 43.4	−17.404	−0.239	81.9	564 970 1067	27 1851
5222	9.1	0 53.51	3.4460	0.0221	29 22 43.1	17.406	0.242	89.8	1367 1676	29 2001*
5223	8.0	1 4.34	3.4160	0.0203	27 24 26.8	17.414	0.239	73.3	80 84	27 1852
5224	9.4	1 21.63	3.3939	0.0191	25 56 1.3	17.427	0.237	73.7	76 77 81 288	26 2049
5225	7.4	1 27.42	3.3794	0.0183	24 55 8.9	17.431	0.236	74.8	6 obs. [7]	25 2203
5226	8.7	10 1 36.58	+3.3810	−0.0183	+25 3 39.3	−17.437	−0.236	78.5	194 557 557 969	25 2204
5227	8.6	2 1.96	3.3952	0.0192	26 7 49.3	17.456	0.236	75.7	5 obs. [8]	26 2051
5228	8.7	2 19.05	3.4303	0.0213	28 35 38.8	17.468	0.238	75.8	79 368 369 448	28 1844
5229	8.6	2 20.34	3.3807	0.0184	25 9 33.8	17.469	0.234	74.8	67 89 198 562	25 2206
5230	8.0	2 25.18	3.4163	0.0206	27 39 58.5	17.472	0.237	78.3	561 563 564	27 1853
5231	9.1	10 2 26.16	+3.3862	−0.0188	+25 34 14.5	−17.473	−0.235	80.5	287 752 970 974	25 2207
5232	9.1	2 36.85	3.3894	0.0189	25 49 23.6	17.481	0.235	85.3	1167 1169 1171	25 2208*
5233	9.0	3 14.04	3.4338	0.0216	29 0 26.2	17.507	0.237	76.8	7 obs.	29 2006
5234	8.4	3 18.05	3.4306	0.0214	28 48 18.7	17.510	0.236	76.0	79 368 369 563	28 1847
5235	9.0	3 32.74	3.3779	0.0184	25 9 50.3	17.520	0.232	74.3	194 198	25 2209
5236	9.0	10 3 33.68	+3.3766	−0.0184	+25 4 36.0	−17.521	−0.232	78.8	89 287 562 1449	25 2210
5237	9.5	3 34.77	3.4025	0.0198	26 55 47.8	17.522	0.234	81.8	84 1561	27 1856*
5238	9.5	3 49.73	3.4349	0.0218	29 11 28.4	17.533	0.236	74.9	78 286 370	29 2008
5239	9.3	4 16.32	3.3873	0.0191	25 58 14.0	17.551	0.231	75.7	5 obs. [9]	26 2054
5240	9.1	4 20.08	3.3858	0.0190	25 52 24.0	17.554	0.231	74.0	89 194 198	25 2211*
5241	8.0	10 4 29.03	+3.4222	−0.0211	+28 27 30.0	−17.560	−0.233	75.3	79 368 369	28 1850
5242	9.4	4 41.60	3.4363	0.0220	29 27 6.5	17.569	0.234	74.9	78 286 370	29 2009
5243	8.6	4 42.31	3.3692	0.0181	24 43 57.5	17.570	0.229	85.3	1167 1169 1171	24 2192
5244	8.2	4 42.40	3.4458	0.0226	30 5 22.4	17.570	0.235	85.5	5 obs. [10]	*30 1975*
5245	8.5	4 52.41	3.4499	0.0229	30 23 58.2	17.577	0.235	86.0	1172 1173 1175	*30 1976*
5246	9.4	10 5 7.70	+3.3905	−0.0194	+26 21 21.7	−17.587	−0.230	73.9	77 81 288	26 2056
5247	9.2	5 14.02	3.3985	0.0199	26 56 41.5	17.592	0.231	74.9	80 84 561	27 1859
5248	8.5	5 16.63	3.4094	0.0205	27 43 17.6	17.594	0.231	78.6	563 564 642	27 1860
5249	8.4	5 28.02	3.3779	0.0187	25 30 39.1	17.602	0.229	74.8	89 194 198 444	25 2212
5250	9.4	5 35.27	3.4267	0.0216	28 56 53.1	17.607	0.232	82.7	74 1676	29 2011*

[1] Z. 74 78 181 189 370
[2] » 76 77 81 288 447
[3] » 76 77 81 288 447
[4] » 181 189 827 970 972
[5] Z. 67 89 287 1174 1449
[6] » 78 181 370 751 969
[7] » 67 89 194 198 287 562
[8] Z. 76 81 288 447 641
[9] » 77 81 288 447 641
[10] » 1166 1174 1175 1176 1259

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5251	7.0	10h 5m 36.s43	+3.s4249	−0.s0215	+28° 51′ 30.″2	−17.″608	−0.″232	78.6	9 obs.	28° 1852
5252	9.4	5 39.65	3.3952	0.0197	26 47 36.3	17.610	0.230	78.3	562	— —
5253	9.4	5 45.65	3.3900	0.0194	26 26 18.6	17.614	0.229	75.3	77 81 641	26 2059
5254	8.5	6 1.66	3.4243	0.0215	28 53 49.7	17.625	0.231	74.8	90 370	29 2012
5255	8.0	6 4.49	3.4118	0.0207	28 2 25.7	17.627	0.230	75.3	79 368 369	28 1855
5256	9.1	10 6 18.27	+3.4292	−0.0219	+29 21 8.7	−17.637	−0.231	77.3	78 286 974	29 2014
5257	9.3	6 26.61	3.4229	0.0215	28 52 51.3	17.642	0.230	82.7	74 1673	28 1856*
5258	8.0	6 39.84	3.3923	0.0197	26 46 5.1	17.652	0.228	77.3	288 561 562	26 2057[1]
5259	6.5	6 45.86	3.4058	0.0205	27 45 12.6	17.656	0.227	80.1	6 obs.[2]	27 1862
5260	8.6	7 4.63	3.4274	0.0219	29 19 10.4	17.669	0.229	77.9	6 obs.[3]	29 2015
5261	9.0	10 7 5.06	+3.4329	−0.0222	+29 42 14.3	−17.669	−0.230	81.8	829 830 831 972	29 2016
5262	8.5	7 5.57	3.4226	0.0216	28 59 23.1	17.669	0.229	83.3	969 970	29 2017
5263	9.4	7 20.27	3.3879	0.0195	26 33 49.7	17.680	0.226	76.0	77 81 562 641	26 2060
5264	9.5	7 35.37	3.3686	0.0185	25 11 49.1	17.690	0.224	78.0	89 194 198 1561	25 2218
5265	9.1	7 46.34	3.4216	0.0216	29 3 22.4	17.697	0.227	86.8	829 1676	29 2019*
5266	9.0	10 8 4.80	+3.3881	−0.0197	+26 43 28.2	−17.710	−0.225	75.6	81 288 561	26 2061
5267	9.0	8 37.17	3.3727	0.0188	25 41 28.7	17.732	0.222	82.0	752 831 969 975	25 2222
5268	9.4	8 48.55	3.4099	0.0211	28 26 23.1	17.740	0.224	87.3	911 1677	28 1858*
5269	9.3	8 50.57	3.4091	0.0211	28 23 27.8	17.741	0.224	81.3	563 911 970	28 1859
5270	8.8	8 51.87	3.3823	0.0194	26 27 15.3	17.742	0.223	79.8	77 564 972 1067	26 2062
5271	6.0	10 9 8.04	+3.4302	−0.0223	+29 55 56.2	−17.753	−0.225	83.9	969 1066 1072	30 1981
5272	9.0	9 8.74	3.4040	0.0208	28 5 17.2	17.754	0.223	79.8	563 827	28 1862
5273	9.0	9 11.83	3.3615	0.0182	24 57 37.8	17.756	0.221	81.3	828 831	25 2223
5274	7.0	9 22.81	3.4205	0.0218	29 18 24.7	17.763	0.224	80.3	90 972 1073	29 2021
5275	8.4	9 34.77	3.3733	0.0189	25 55 7.5	17.771	0.221	85.3	1169 1174	26 2063
5276	9.0	10 9 37.56	+3.3595	−0.0181	+24 53 22.1	−17.773	−0.220	82.8	830 1068	24 2206
5277	9.0	9 37.79	3.3978	0.0204	27 43 44.1	17.773	0.222	82.8	561 1367	27 1866
5278	6.2	9 42.64	3.3740	0.0190	25 59 31.4	17.777	0.221	81.3	564 1069	26 2064
5279	8.0	9 48.04	3.3615	0.0183	25 4 9.8	17.780	0.219	83.3	969 970	25 2224
5280	7.5	9 54.35	3.3800	0.0194	26 29 31.4	17.785	0.220	86.3	975 1072 1626	26 2065
5281	8.5	10 10 0.93	+3.4312	−0.0226	+30 10 35.1	−17.789	−0.223	85.3	1163 1177	*30 1984*
5282	8.3	10 8.21	3.3697	0.0188	25 45 8.1	17.794	0.220	82.3	831 974	25 2226
5283	9.0	10 18.06	3.4284	0.0225	30 6 22.1	17.800	0.223	91.3	1562 1676	*30 1985*
5284	9.3	10 19.12	3.3704	0.0188	25 50 14.3	17.801	0.220	88.3	1069 1678	25 2228*
5285	9.1	10 19.61	3.4093	0.0212	28 41 41.0	17.801	0.222	85.3	563 1677	28 1865
5286	9.5	10 10 27.25	+3.4167	−0.0217	+29 15 5.8	−17.807	−0.221	94.2	1902 1903 1908	29 2024
5287	8.7	10 33.40	3.4282	0.0225	30 4 49.3	17.811	0.222	84.3	1068 1071	*30 1986*
5288	9.4	10 40.40	3.3835	0.0197	26 53 39.3	17.815	0.219	85.3	561 1679	26 2066
5289	7.7[4]	11 2.23	3.3997	0.0207	28 8 54.6	17.830	0.219	84.3	1067 1073	28 1866
5290	6.7	11 7.68	3.3979	0.0206	28 2 19.5	17.834	0.219	79.3	368 563 972	28 1867
5291	9.3	10 11 25.05	+3.4142	−0.0218	+29 16 36.9	−17.845	−0.219	89.8	1367 1680	29 2025*
5292	9.5	11 33.20	3.3832	0.0198	27 2 19.6	17.851	0.217	80.9	561 827 969	27 1870
5293	8.9	11 36.60	3.4236	0.0224	29 58 44.5	17.853	0.220	78.3	90 970	30 1991
5294	8.9	11 44.83	3.3935	0.0205	27 50 20.2	17.858	0.217	81.6	642 911 974	27 1871
5295	8.9	11 47.21	3.3957	0.0206	28 0 30.8	17.860	0.217	76.9	369 446 448	28 1869
5296	9.5	10 11 59.81	+3.4117	−0.0217	+29 13 7.1	−17.868	−0.218	79.8	286 1068	29 2026
5297	6.7	12 2.74	3.3595	0.0185	25 20 13.6	17.870	0.214	77.3	194 198 972	25 2231
5298	8.2	12 15.42	3.3546	0.0182	24 59 24.7	17.879	0.213	77.5	89 198 444 1169	25 2232
5299	8.7	12 24.12	3.3776	0.0196	26 46 44.5	17.884	0.215	75.3	77 81 288 641	26 2069
5300	8.5	12 39.06	3.4207	0.0224	29 59 55.8	17.894	0.218	81.0	370 831 974 975	30 1994

[1] BD R.A. 1m too small [2] Z. 80 84 563 1166 1167 1169 [3] Z. 74 90 370 752 830 974 [4] Double; south following

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5301	9.3	10h 12m 49s.01	+3s.3530	−0s.0182	+24° 58′ 1″.7	−17″.901	−0″.212	75.2	67 194 287 558	25° 2234
5302	9.0	12 53.02	3.3966	0.0209	28 18 7.4	17.903	0.215	75.5	5 obs.[1]	28 1870
5303	9.0	12 57.47	3.3816	0.0200	27 11 48.7	17.906	0.214	74.9	80 84 561	27 1875
5304	8.7	12 58.40	3.4097	0.0215	29 3 59.6	17.907	0.216	76.3	74 90 290 969	29 2028
5305	9.1	13 1.21	3.4193	0.0224	29 58 27.6	17.909	0.217	85.3	1171 1172 1174	30 1996*
5306	8.8	10 13 2.21	+3.4179	−0.0223	+29 53 8.0	−17.910	−0.217	83.0	752 975 1174	29 2029
5307	8.4	13 30.84	3.3684	0.0192	26 18 17.6	17.928	0.212	74.5	77 81 288 365a	26 2072
5308	7.3	13 34.28	3.4120	0.0220	29 34 11.9	17.930	0.215	75.6	286 290 370	29 2030
5309	9.5	13 36.06	3.4177	0.0223	29 59 11.8	17.932	0.216	81.6	752 827 970	30 1999
5310	9.4	13 46.55	3.4055	0.0215	29 8 45.3	17.938	0.214	83.3	911 974 1066	29 2032
5311	7.7	10 14 1.01	+3.3943	−0.0209	+28 21 34.2	−17.948	−0.213	75.9	5 obs.[2]	28 1871
5312	8.5	14 9.00	3.3801	0.0200	27 19 34.2	17.953	0.212	77.5	199 561 563 642	27 1879
5313	8.4	14 9.05	3.3827	0.0202	27 30 51.4	17.953	0.213	76.0	80 84 561 642	27 1878
5314	9.2	14 23.64	3.3967	0.0211	28 37 53.2	17.963	0.213	86.9	5 obs.[3]	28 1872
5315	8.1	14 25.26	3.4040	0.0215	29 9 54.9	17.964	0.213	74.3	74 90 286 290	29 2033
5316	9.2	10 14 27.09	+3.3498	−0.0181	+25 2 35.8[4]	−17.965	−0.209	74.3	89 198 287	25 2236
5317	9.4	14 33.19	3.4132	0.0221	29 48 45.1	17.969	0.214	82.3	827 830 969 970	29 2034
5318	8.8	15 25.12	3.3613	0.0190	26 7 45.6	18.002	0.208	74.8	77 81 288 447	26 2077
5319	8.8	15 30.73	3.3560	0.0186	25 44 17.4	18.006	0.208	73.9	67 89 194(2) 198	25 2237
5320	9.0	15 32.89	3.4076	0.0220	29 40 30.9	18.007	0.212	76.5	90 286 370 830	29 2036
5321	9.1	10 15 38.54	+3.3915	−0.0210	+28 30 12.2	−18.011	−0.210	84.3	369 1676	28 1875*
5322	9.5	15 38.66	3.3972	0.0214	28 56 3.0	18.011	0.210	92.4	5 obs.[5]	29 2037
5323	8.9	15 39.34	3.3570	0.0187	25 50 37.7	18.011	0.208	80.3	444 558 911 975	25 2238
5324	9.2	15 40.89	3.3568	0.0187	25 49 43.1	18.012	0.208	81.3	558 911 975	25 2239
5325	7.9	15 41.73	3.3491	0.0182	25 13 33.5	18.013	0.207	79.6	287 753 976	25 2240
5326	8.7	10 15 43.39	+3.3514	−0.0184	+25 24 33.5	−18.014	−0.207	80.8	287 752 974 1066	25 2241
5327	9.0	15 51.23	3.3545	0.0186	25 41 28.2	18.019	0.207	76.3	67 89 198 1067	25 2242
5328	9.0	16 19.26	3.3773	0.0201	27 33 40.7	18.037	0.208	75.8	80 84 561 565	27 1883
5329	8.8	16 19.96	3.3528	0.0185	25 38 25.5	18.037	0.206	83.3	969 970 972	25 2243
5330	8.6	16 26.17	3.3713	0.0198	27 7 28.9	18.041	0.207	77.0	199 563 564	27 1884
5331	9.3	10 16 27.65	+3.4063	−0.0221	+29 47 19.3	−18.042	−0.209	74.9	90 286 370	29 2040
5332	9.1	16 36.24	3.3683	0.0196	26 55 18.9	18.048	0.207	77.8	84 565 642 752	27 1885
5333	9.5	16 40.67	3.3547	0.0187	25 52 35.8	18.051	0.206	84.9	827 1259 1367	25 2244*
5334	9.5	16 45.41	3.3605	0.0191	26 21 2.2	18.054	0.206	75.3	77 81 641	26 2079
5335	9.5	16 49.17	3.3545	0.0187	25 48 43.3	18.056	0.205	73.3	89	— —
5336	6.9	10 16 51.41	+3.3584	−0.0190	+26 12 4.4	−18.057	−0.205	75.1	5 obs.[6]	26 2081
5337	9.3	17 4.62	3.4025	0.0219	29 38 28.1	18.066	0.208	86.8	830 1677	29 2042*
5338	9.0	17 7.19	3.3677	0.0197	26 58 55.8	18.067	0.206	78.3	80 561 563 969	27 1888
5339	9.4	17 27.73	3.3958	0.0215	29 13 35.5	18.080	0.206	74.6	92 286 290	29 2043
5340	9.5	17 53.21	3.3852	0.0209	28 30 20.6	18.096	0.205	80.5	6 obs.[7]	28 1877
5341	8.1	10 18 5.27	+3.3435	−0.0182	+25 15 5.9	−18.104	−0.202	75.0	67 198 287 444	25 2247
5342	9.5	18 21.58	3.3545	0.0189	26 11 39.5	18.114	0.203	94.2	1902 1908 1910	26 2082
5343	8.8	18 44.73	3.3491	0.0187	25 50 46.7	18.129	0.201	78.5	89 194 558 1447	25 2248
5344	9.2	19 10.26	3.3742	0.0204	27 56 18.7	18.145	0.202	79.0	563 565 752	28 1878
5345	9.3	19 12.77	3.3528	0.0190	26 14 2.3	18.146	0.201	74.7	77 365a	26 2083*
5346	7.2	10 19 19.12	+3.3416	−0.0183	+25 20 59.5	−18.150	−0.199	75.3	194 198 287 451	25 2249
5347	9.3	19 21.33	3.3517	0.0190	26 10 18.1	18.151	0.200	75.6	81 288 564	26 2084
5348	8 7	19 24.27	3.3531	0.0191	26 22 45.1	18.153	0.200	76.8	77 447 447 641	26 2085
5349	9.1	19 33.72	3.3454	0.0185	25 41 58.1	18.159	0.200	85.3	558 1676	25 2250*
5350	8.5	19 41.47	3.3629	0.0197	27 9 34.1	18.164	0.200	75.3	84 199 561	27 1890

[1] Z. 79 88 368 369 550
[2] » 79 88 446 448 565
[3] » 1176 1259 1367 1368 1447
[4] Bessel's Decl. 1′ too great
[5] Z. 1171 1902 1903 1908 1910
[6] Z. 77 81 288 365a 447
[7] » 88 369 448 1169 1171 1172

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5351	9·5	10h 19m 42ˢ·78	+3ˢ·3473	−0ˢ·0186	+25° 53′ 30″·2	−18″·165	−0″·200	80.8	6 obs.[1]	25° 2251*
5352	8.5	19 45.19	3.3863	0.0213	29 0 35.2	18.166	0.201	75.1	6 obs.[2]	29 2046
5353	9.4	19 52.01	3.3604	0.0196	26 59 24.4	18.170	0.199	78.3	80 84 969 970	27 1891
5354	9.0	19 58.97	3.3445	0.0185	25 43 24.2	18.175	0.199	80.6	444 831 972	25 2253
5355	8.2	19 59.17	3.3636	0.0198	27 16 45.3	18.175	0.199	80.3	565 642 753 974	27 1893
5356	7.8	10 20 0.33	+3.3427	−0.0184	+25 34 59.4	−18.176	−0.199	78.6	89 752 753 754	25 2254
5357	9.3	20 15.76	3.3493	0.0189	26 10 33.5	18.185	0.198	74.3	81 288	26 2087*
5358	8.9	20 16.52	3.3783	0.0209	28 30 26.0	18.185	0.200	76.1	5 obs.[3]	28 1879
5359	9.4	20 31.68	3.3930	0.0219	29 42 10.7	18.195	0.201	78.3	290 370 752 830	29 2047
5360	9.1	20 38.03	3.3843	0.0212	29 3 34.3	18.199	0.200	78.5	92 286 911 972	29 2048
5361	8.4	10 20 56.74	+3.3682	−0.0203	+27 50 56.5	−18.210	−0.198	75.3	80 199 561	27 1895
5362	8.9	20 57.83	3.3740	0.0206	28 19 24.3	18.211	0.198	78.5	5 obs.[4]	28 1886
5363	8.8	21 13.63	3.3828	0.0212	29 1 29.0	18.220	0.199	74.8	74 90 286 449	29 2050
5364	9.2	21 18.14	3.3470	0.0189	26 12 36.5	18.223	0.196	74.5	77 81 288 365[a]	26 2091
5365	8.9	21 22.35	3.3386	0.0183	25 31 41.8	18.226	0.195	75.1	6 obs.[5]	25 2255
5366	8.8	10 21 24.75	+3.3553	−0.0194	+26 55 10.2	−18.227	−0.196	77.0	199 563 564	27 1896
5367	9.5	21 33.47	3.3890	0.0217	29 38 12.4	18.232	0.199	94.2	1903 1908 1910	29 2051
5368	9.5	21 40.82	3.3532	0.0193	26 48 18.8	18.237	0.195	85.3	561 1677	26 2092
5369	7.5	21 45.99	3.3623	0.0200	27 33 40.1	18.240	0.196	76.0	80 84 565 642	27 1897
5370	8.8	22 9.20	3.3487	0.0191	26 32 10.2	18.254	0.194	74.2	77 81 365[a]	26 2095
5371	8.7	10 22 14.12	+3.3681	−0.0205	+28 8 15.0	−18.257	−0.196	82.3	6 obs.[6]	28 1887
5372	9.1	22 16.03	3.3290	0.0178	24 54 10.8	18.258	0.193	86.8	1171 1259 1367 1368	24 2228*
5373	9.0	22 22.06	3.3722	0.0208	28 30 12.2	18.262	0.196	93.2	1792 1794	28 1888
5374	9.4	22 29.92	3.3829	0.0216	29 23 3.1	18.267	0.196	80.0	286 290 370 1795	29 2055
5375	8.8	22 40.13	3.3508	0.0193	26 49 16.7	18.273	0.193	77.0	7 obs.[7]	26 2097
5376	8.6	10 22 43.36	+3.3921	−0.0222	+30 9 1.4	−18.275	−0.196	87.0	1172 1173 1562	*30 2024*
5377	8.0	22 45.93	3.3798	0.0214	29 11 40.3	18.276	0.195	74.6	74 90 449	29 2056
5378	9.1	22 52.12	3.3693	0.0207	28 22 39.9	18.280	0.194	78.6	88 368 1268	28 1889*
5379	7.1	22 52.90	3.3798	0.0214	29 13 10.8	18.280	0.194	75.1	5 obs.[8]	29 2057
5380	7.3	22 59.45	3.3700	0.0207	28 27 53.8	18.284	0.194	79.1	446 566 753 754	28 1890
5381	9.5	10 23 16.94	+3.3513	−0.0195	+27 0 16.2	−18.295	−0.192	77.6	84 561 831	27 1898
5382	8.2	23 22.92	3.3628	0.0203	27 58 32.4	18.298	0.193	77.6	369 563 566	28 1891
5383	9.5	23 28.70	3.3373	0.0186	25 52 38.3	18.302	0.191	76.3	67 89 911	25 2256
5384	9.1	23 36.77	3.3237	0.0177	24 43 58.8	18.307	0.190	74.6	194 198 287	24 2230
5385	9.4	23 40.57	3.3236	0.0177	24 44 27.5	18.309	0.190	86.5	6 obs.[9]	24 2231*
5386	9.0	10 23 53.09	+3.3775	−0.0214	+29 16 52.4	−18.316	−0.192	73.3	74 90	29 2058
5387	9.0	24 3.83	3.3871	0.0221	30 5 10.0	18.323	0.193	85.3	1169 1171 1174	*30 2028*
5388	9.0	24 35.22	3.3680	0.0208	28 40 56.5	18.341	0.191	75.5	88(2) 369 446 448	28 1893
5389	9.3	24 36.57	3.3332	0.0184	25 45 59.8	18.342	0.189	79.5	89 558 972 976	25 2257*
5390	7.6	24 51.72	3.3205	0.0176	24 43 29.3	18.351	0.187	74.6	194 198 287	24 2238
5391	9.0	10 24 58.07	+3.3743	−0.0214	+29 17 15.9	−18.355	−0.190	75.1	5 obs.[10]	29 2060
5392	9.5	25 3.17	3.3676	0.0209	28 45 39.8	18.358	0.190	81.3	752 911	28 1895
5393	7.8	25 3.50	3.3274	0.0181	25 21 52.9	18.358	0.187	75.0	89 194 451	25 2258
5394	9.4	25 13.50	3.3242	0.0179	25 7 29.2	18.364	0.187	82.3	67 1172 1449	25 2259
5395	6.9	25 23.84	3.3233	0.0179	25 5 2.0	18.370	0.186	76.6	67 451 645	25 2260
5396	8.4	10 25 48.05	+3.3436	−0.0193	+26 55 50.3	−18.384	−0.187	75.8	80 84 561 565	27 1901
5397	8.3	26 18.26	3.3598	0.0206	28 25 14.1	18.402	0.187	76.9	369 446 448	28 1899
5398	7.8	26 22.35	3.3285	0.0184	25 46 5.4	18.404	0.185	78.3	5 obs.[11]	25 2263
5399	9.5	26 25.77	3.3178	0.0176	24 49 0.7	18.406	0.184	94.3	1910 1913	24 2241
5400	9.0	26 31.02	3.3725	0.0215	29 31 4.2	18.409	0.188	75.0	90 290 370	29 2061

[1] Z. 67 198 831 911 1259 1368
[2] » 74 90 286 290 370 449
[3] » 88 368 369 446 448
[4] » 88 368 369 974 976
[5] Z. 67 89 194 287 444 451
[6] » 447 563 752 1169 1174 1370
[7] » 77 81 288 447(2) 830(2)
[8] » 74 90 290 370 449
[9] Z. 198 287 1560 1561 1914 1915
[10] » 74 90 290 370 449
[11] » 89 194 451 972 976

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
5401	9.3	10h 26m 43s.83	+3s.3286	−0s.0184	+25° 50′ 41″.0	−18″.416	−0″.184	73.2	67 89	25° 2264*
5402	9.4	27 4.74	3.3381	0.0192	26 45 12.0	18.428	0.184	75.8	288 365a	26 2099
5403	9.5	27 16.37	3.3270	0.0184	25 49 46.0	18.435	0.183	90.0	194 1941 1942 1943	25 2266
5404	9.4	27 25.10	3.3461	0.0198	27 31 8.7	18.440	0.183	74.9	80 84 561	27 1904
5405	9.4	27 25.15	3.3379	0.0192	26 49 7.4	18.440	0.183	74.3	81 288	26 2100
5406	7.3	10 27 48.25	+3.3367	−0.0192	+26 48 19.6	−18.453	−0.182	75.8	7 obs.[1]	26 2101
5407	6.8	27 50.54	3.3576	0.0207	28 36 32.0	18.455	0.184	76.7	88 369 448 563 (2)	28 1902
5408	9.0	27 53.27	3.3297	0.0187	26 12 30.4	18.456	0.182	75.3	92 200 558	26 2102
5409	9.2	28 3.77	3.3234	0.0183	25 41 34.7	18.462	0.182	84.6	89 1560 1562	25 2269*
5410	9.5	28 17.69	3.3478	0.0200	27 52 49.2	18.470	0.182	74.9	80 84 565	27 1905
5411	9.4	10 28 20.75	+3.3579	−0.0208	+28 44 56.5	−18.472	−0.183	87.3	5 obs.[2]	28 1903
5412	9.5	28 27.35	3.3474	0.0200	27 53 20.9	18.476	0.182	75.8	80 565	27 1906
5413	9.0	28 29.01	3.3362	0.0192	26 55 16.5	18.476	0.181	79.6	6 obs.[3]	27 1907
5414	9.2	28 31.15	3.3558	0.0206	28 36 48.4	18.478	0.182	82.9	911 970 974	28 1905
5415	9.5	28 34.38	3.3239	0.0184	25 51 17.3	18.480	0.181	79.3	198 287 972 1066	25 2270*
5416	9.3	10 28 34.95	+3.3570	−0.0207	+28 44 31.6	−18.480	−0.182	77.8	88 446 752 753	28 1906
5417	8.6	28 43.90	3.3686	0.0217	29 45 3.8	18.485	0.182	74.5	74 90 286 370	29 2062
5418	8.9	29 11.32	3.3458	0.0200	27 55 56.2	18.500	0.181	76.9	369 446 448	28 1907
5419	8.5	29 49.64	3.3497	0.0204	28 25 29.8	18.522	0.179	75.6	88 369 448	28 1908
5420	8.5	29 52.98	3.3312	0.0190	26 49 18.9	18.524	0.178	75.3	6 obs.[4]	26 2104
5421	8.0	10 30 28.78	+3.3175	−0.0182	+25 43 46.7	−18.544	−0.176	75.0	89 194 451	25 2271
5422	9.0	30 30.05	3.3123	0.0178	25 14 27.7	18.544	0.176	75.5	194 198 287 558	25 2272
5423	9.0	30 30.83	3.3120	0.0178	25 13 23.2	18.545	0.176	75.3	67 198 287 558	25 2273
5424	9.1	30 33.40	3.3647	0.0217	29 53 29.0	18.546	0.179	91.3	1561 1677	29 2066*
5425	9.2	30 35.40	3.3155	0.0181	25 34 2.8	18.547	0.176	80.7	5 obs.[5]	25 2275
5426	9.0	10 30 35.43	+3.3087	−0.0176	+24 56 31.3	−18.547	−0.176	85.3	1171 1172 1173	25 2274
5427	9.4	31 4.89	3.3129	0.0179	25 26 22.8	18.564	0.175	86.8	1259 1363	25 2276
5428	8.8	31 8.54	3.3202	0.0185	26 7 44.7	18.566	0.175	75.9	8 obs.[6]	26 2106
5429	8.8	31 12.79	3.3146	0.0181	25 38 4.2	18.568	0.175	80.0	89 645 1368	25 2277
5430	8.5	31 14.07	3.3324	0.0194	27 15 27.0	18.569	0.176	74.3	80 84 372	27 1914
5431	8.6	10 31 19.71	+3.3653	−0.0219	+30 8 55.5	−18.572	−0.177	86.0	1169 1174 1369	*30 2043*
5432	8.4	31 34.85	3.3239	0.0188	26 33 51.7	18.580	0.174	94.2	1905 1907	26 2109
5433	9.5	31 52.09	3.3033	0.0174	24 43 47.7	18.590	0.173	74.3	198	— —
5434	9.4	31 59.00	3.3439	0.0204	28 28 29.9	18.593	0.174	76.0	88 369 446 448	28 1913
5435	9.2	32 0.70	3.3311	0.0195	27 19 53.5	18.594	0.174	83.3	199 1677	27 1916
5436	9.5	10 32 3.33	+3.3516	−0.0210	+29 9 47.9	−18.596	−0.175	75.6	286 290 370	29 2070
5437	8.6	32 6.35	3.3593	0.0216	29 50 59.4	18.598	0.176	79.3	74 449 1370	29 2071
5438	8.6	32 6.55	3.3208	0.0187	26 25 0.8	18.598	0.173	80.4	6 obs.[7]	26 2110
5439	9.5	32 27.76	3.3237	0.0190	26 46 40.9	18.609	0.173	94.2	1902 1908	26 2111
5440	8.1	32 33.30	3.3528	0.0212	29 24 3.2	18.612	0.174	74.6	74 286 290	29 2073
5441	8.4	10 32 46.25	+3.3284	−0.0194	+27 17 13.9	−18.619	−0.172	74.3	80 84 199 372	27 1917
5442	9.3	33 2.67	3.3291	0.0195	27 24 57.6	18.628	0.172	77.0	84 565 642	27 1918
5443	8.7	33 9.57	3.3228	0.0190	26 51 28.5	18.632	0.172	74.8	81 92 200 558	26 2113
5444	9.3	33 15.27	3.3232	0.0190	26 55 28.8	18.635	0.172	83.3	970 974	27 1919*
5445	8.9	33 17.87	3.3422	0.0205	28 40 2.1	18.636	0.172	81.8	88 1562	28 1914
5446	8.9	10 33 25.01	+3.3418	−0.0205	+28 39 42.4	−18.640	−0.172	83.8	88 1172 1173 1626	28 1915
5447	6.7	33 25.68	3.3364	0.0201	28 10 34.4	18.640	0.171	80.5	369 446 976 1169	28 1916
5448	8.6	33 47.90	3.3516	0.0213	29 37 45.3	18.652	0.171	80.3	370 449 1368	29 2077
5449	9.5	33 53.25	3.3287	0.0196	27 35 37.0	18.655	0.170	81.8	80 1560	27 1920
5450	9.4	33 53.41	3.2988	0.0173	24 44 12.1	18.655	0.168	84.3	198 1913	24 2258

[1] Z. 77 81 200 365a 447 (2) 645
[2] » 830 831 1171 1914 1915
[3] » 199 561 642 752 754 1169
[4] Z. 81 92 200 288 365a 641
[5] » 451 645 752 970 972
[6] Z. 81 92 200 288 447 (2) 561 (2)
[7] » 81 92 200 288 1794 1795

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
5451	7.5	10h 33m 57s.20	+3s.3151	−0s.0186	+26° 21′ 3″.6	−18″.657	−0″.169	77.5	288 365[a] 641 644	26° 2116
5452	9.3	33 59.10	3.3210	0.0190	26 54 43.3	18.658	0.169	85.6	974 1259 1367	27 1921
5453	8.2	34 17.54	3.3455	0.0209	29 13 38.2	18.668	0.170	82.0	752 912 972	29 2078
5454	8.0[1]	34 38.61	3.3207	0.0191	27 2 59.1	18.679	0.168	83.3	970 971	27 1923
5455	9.4	34 42.13	3.3194	0.0191	26 57 12.2	18.681	0.168	85.8	642 1678	27 1924*
5456	8.2	10 34 42.77	+3.3303	−0.0199	+27 57 42.1	−18.682	−0.169	88.0	1174 1369 1627	28 1917
5457	9.1	34 45.09	3.3471	0.0212	29 29 22.1	18.683	0.170	78.6	286 449 975	29 2081
5458	9.1	34 48.93	3.3317	0.0200	28 7 27.0	18.685	0.168	84.0	976 1066 1073	28 1918
5459	9.0	34 51.65	3.2988	0.0175	25 1 24.6	18.686	0.166	82.3	287 1067 1370	25 2282
5460	9.2	34 54.72	3.3093	0.0183	26 3 0.2	18.688	0.167	81.8	641 1069	26 2119
5461	8.5	10 35 1.85	+3.3119	−0.0186	+26 19 26.8	−18.692	−0.167	82.8	558 974 1072 1169	26 2120
5462	8.8	35 5.68	3.3261	0.0196	27 40 30.1	18.694	0.169	82.6	642 972 1171	27 1925
5463	8.2	35 22.99	3.3469	0.0212	29 39 9.3	18.703	0.168	82.3	752 1068	29 2083
5464	9.4	35 29.55	3.2977	0.0174	24 55 39.7	18.706	0.165	83.8	287 1680	25 2283
5465	9.5	35 33.36	3.2963	0.0174	24 57 29.5	18.708	0.165	82.3	912	25 2284*
5466	9.5	10 35 44.99	+3.3503	−0.0216	+30 3 2.4	−18.714	−0.168	94.3	1909 1910 1914 1915	30 2059
5467	9.0	35 45.93	3.3003	0.0177	25 23 17.0	18.715	0.165	85.3	1172 1173	25 2285
5468	8.0	35 58.62	3.3429	0.0211	29 28 11.1	18.722	0.166	84.3	1067 1073	29 2084
5469	8.8	36 0.56	3.3039	0.0180	25 48 13.7	18.723	0.165	85.3	1068 1177 1259	25 2286
5470	5.3	36 9.72	3.3158	0.0190	26 58 52.5	18.727	0.165	81.3	642 971	27 1927
5471	9.5	10 36 10.71	+3.3347	−0.0205	+28 45 49.0	−18.728	−0.166	87.8	831 1908	28 1921
5472	9.2	36 14.18	3.3053	0.0182	26 0 17.8	18.730	0.165	87.3	1069 1561	26 2122
5473	7.5	36 14.84	3.3485	0.0216	30 2 14.0	18.730	0.167	83.8	975 1072	30 2060
5474	9.1	36 23.15	3.3000	0.0178	25 30 53.1	18.734	0.164	92.8	1676 1794	25 2287
5475	8.9	36 33.95	3.3088	0.0185	26 25 7.3	18.740	0.164	82.3	641 1174	26 2123
5476	7.9	10 36 34.51	+3.3398	−0.0210	+29 20 35.2	−18.740	−0.165	84.3	286 1178 1677	29 2087
5477	9.2	36 47.11	3.2995	0.0179	25 34 24.8	18.747	0.163	81.8	752 974	25 2288
5478	8.5	37 0.85	3.3247	0.0198	28 3 33.9	18.754	0.164	84.3	1067 1073	28 1923
5479	9.1	37 3.16	3.3170	0.0193	27 20 25.7	18.755	0.163	82.6	642 972 1169	27 1929
5480	9.1	37 22.60	3.2995	0.0179	25 44 9.4	18.765	0.162	88.8	1171 1678	25 2289*
5481	8.7	10 37 49.37	+3.2972	−0.0178	+25 37 11.0	−18.779	−0.161	83.6	970 971 1068	25 2290
5482	9.1	37 56.84	3.2979	0.0179	25 43 28.1	18.783	0.161	82.6	752 974 1069	25 2291
5483	8.4	37 58.50	3.3445	0.0217	30 10 19.6	18.784	0.163	85.3	1172 1173	*30 2062*
5484	8.8	38 15.27	3.2894	0.0173	24 56 31.0	18.792	0.160	80.6	198 645 972 1177	25 2293
5485	9.4	38 39.43	3.3145	0.0193	27 32 25.9	18.804	0.160	78.0	80 565 753 754	27 1931
5486	8.5	10 38 48.16	+3.3253	−0.0202	+28 37 16.1	−18.809	−0.160	75.6	88 369 446	28 1925
5487	8.9	38 50.96	3.2898	0.0174	25 8 23.5	18.810	0.158	74.5	87 89 194 451	25 2295
5488	8.4	39 12.80	3.2996	0.0183	26 13 26.0	18.821	0.158	76.3	200 288 641	26 2125
5489	8.2	39 17.61	3.3014	0.0184	26 25 4.2	18.824	0.158	85.3	1169 1174	26 2126
5490	8.5	39 26.89	3.2994	0.0183	26 16 13.9	18.828	0.157	74.3	92 288	26 2128
5491	9.0	10 39 27.20	+3.3033	−0.0186	+26 39 31.9	−18.828	−0.158	85.8	644 1676	26 2127
5492	9.4	39 35.92	3.3299	0.0208	29 17 20.4	18.833	0.159	93.3	5 obs.[2]	29 2088*
5493	8.5	39 37.80	3.2887	0.0175	25 14 2.0	18.834	0.157	77.3	198 287 912	25 2297
5494	9.0	39 39.76	3.3030	0.0186	26 40 56.8	18.835	0.158	85.3	1171 1178	26 2129
5495	8.8	39 41.35	3.2895	0.0176	25 19 47.5	18.835	0.157	81.3	645 970	25 2298
5496	8.8	10 39 57.39	+3.2838	−0.0171	+24 48 54.5	−18.844	−0.156	80.3	451 974	— —
5497	8.5	39 58.26	3.2838	0.0171	24 48 15.3	18.844	0.156	78.3	89 974	24 2269
5498	9.4	40 4.55	3.3060	0.0189	27 5 39.8	18.847	0.157	81.3	84 1172 1173	27 1935
5499	9.5	40 11.71	3.3237	0.0204	28 51 56.7	18.851	0.158	76.0	88 446 448	28 1927
5500	8.9	40 15.70	3.3004	0.0185	26 36 9.6	18.853	0.156	77.6	81 641 756	26 2130

[1] BD 8.6 [2] Z. 1626 1677 1913 1914 1915

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5501	9.1	10h 40m 18s.81	+3s.3019	−0s.0186	+26° 44′ 40″.3	−18″.854	−0″.156	81.0	644 752 975	26° 2131
5502	8.9	40 25.36	3.3243	0.0205	28 58 43.1	18.857	0.157	75.6	74 290 566	29 2090
5503	7.4	40 30.74	3.3095	0.0193	27 34 7.8	18.860	0.155	74.6	80 199 372	27 1936
5504	9.4	40 56.36	3.2936	0.0181	26 5 18.3	18.873	0.154	76.3	92 288 753	26 2132
5505	9.0	40 57.47	3.2823	0.0171	24 55 27.9	18.873	0.154	80.3	287 912 970	25 2299
5506	8.7	10 41 9.13	+3.2934	−0.0181	+26 7 12.5	−18.879	−0.154	79.3	92 641 1169	26 2133
5507	9.4	41 24.54	3.2978	0.0185	26 39 26.9	18.887	0.153	81.3	81 971 1067 1068	26 2134
5508	9.2	41 58.09	3.3293	0.0212	29 55 52.0	18.903	0.154	80.0	290 449 1367	30 2071
5509	6.5	42 3.31	3.3305	0.0214	30 4 36.2	18.906	0.154	85.3	1171 1172 1173	*30 2072*
5510	9.3	42 9.59	3.3293	0.0213	29 59 17.2	18.909	0.154	82.6	290 1178 1368	30 2073
5511	8.5	10 42 9.70	+3.3037	−0.0191	+27 27 48.7	−18.909	−0.152	74.3	80 84 199 372	27 1938
5512	9.5	42 16.91	3.2872	0.0178	25 48 0.3	18.912	0.152	75.6	89 287 558	25 2302*
5513	9.0	42 23.44	3.2922	0.0182	26 21 0.7	18.915	0.151	83.7	644 1177 1272	26 2135
5514	6.3	43 1.40	3.3129	0.0200	28 37 59.9	18.934	0.151	76.0	88 369 446 448	28 1931
5515	9.0	43 22.84	3.2880	0.0181	26 12 20.7	18.944	0.149	73.9	81 92 288	26 2136
5516	8.9	10 43 33.72	+3.3127	−0.0202	+28 47 8.8	−18.949	−0.150	75.6	88 369 446	28 1933
5517	8.7	43 36.24	3.2968	0.0188	27 10 19.5	18.950	0.149	73.6	80 84 199	27 1942
5518	9.4	43 38.99	3.3150	0.0203	29 2 6.8	18.952	0.150	82.3	912	— —
5519	7.7	43 39.85	3.2883	0.0181	26 18 11.3	18.952	0.149	79.3	641 644 649	26 2137
5520	9.1	43 49.78	3.2835	0.0177	25 49 44.7	18.957	0.148	74.3	89 198 287	25 2305*
5521	9.5	10 44 15.61	+3.3130	−0.0203	+29 1 47.3	−18.969	−0.148	91.6	1067 1940 1941	29 2095
5522	9.1	44 16.19	3.2896	0.0184	26 37 38.6	18.969	0.147	75.3	81 92 288 641	26 2138
5523	8.3	44 16.49	3.2754	0.0172	25 6 47.2	18.969	0.146	75.0	87 194 451	25 2306
5524	8.9	44 18.13	3.2866	0.0181	26 18 11.3	18.970	0.147	79.3	644 649	26 2139
5525	9.1	44 20.80	3.3140	0.0204	29 9 18.0	18.972	0.148	79.3	290 449 1169	29 2096
5526	8.3	10 44 41.62	+3.3204	−0.0210	+29 54 33.7	−18.981	−0.148	75.3	74 90 646	30 2079
5527	9.5	44 42.18	3.3041	0.0196	28 14 33.7	18.982	0.148	85.8	1068 1367	28 1936
5528	9.0	44 51.73	3.3007	0.0194	27 57 32.6	18.986	0.147	85.3	1171 1172 1173	28 1937
5529	9.5	45 5.67	3.2761	0.0174	25 24 33.6	18.993	0.145	73.8	89 198	25 2307*
5530	9.5	45 9.13	3.2917	0.0187	27 5 50.0	18.994	0.146	73.3	80 84	27 1946*
5531	9.5	10 45 17.31	+3.3105	−0.0204	+29 5 40.9	−18.998	−0.146	79.6	290 752 976	29 2098
5532	9.5	45 29.81	3.2910	0.0187	27 7 37.6	19.004	0.145	73.3	84	27 1948*
5533	9.4	45 35.13	3.3008	0.0196	28 10 58.2	19.006	0.146	85.6	1067 1178 1368	28 1940
5534	9.4	45 36.57	3.2871	0.0184	26 44 41.5	19.007	0.145	74.0	81 92 200 288	26 2142
5535	9.1	45 44.53	3.3066	0.0201	28 49 59.1	19.011	0.145	77.3	446 448	28 1942
5536	9.4	10 45 44.68	+3.2867	−0.0184	+26 44 35.2	−19.011	−0.144	73.9	81 92 288	26 2143
5537	9.3	45 49.65	3.2773	0.0176	25 44 53.4	19.013	0.144	80.3	287 912 974	25 2308*
5538	8.6	45 49.93	3.3197	0.0213	30 11 31.5	19.013	0.145	85.7	1174 1177 1272	*30 2081*
5539	8.5	45 55.46	3.2815	0.0180	26 13 27.4	19.016	0.143	84.3	649 1169 1265 1267	26 2144
5540	7.8	45 57.83	3.3030	0.0198	28 31 39.2	19.017	0.145	78.0	369 565 646	28 1945
5541	9.5	10 46 22.50	+3.3121	−0.0207	+29 36 18.3	−19.028	−0.144	78.9	74 90 1561	29 2101*
5542	9.5	46 24.73	3.2884	0.0187	27 7 38.5	19.029	0.143	75.3	80 84 644	27 1950
5543	9.3	46 35.72	3.2953	0.0193	27 55 42.4	19.034	0.144	76.6	88 369 752	28 1947
5544	8.9	46 35.85	3.3040	0.0201	28 50 19.2	19.034	0.144	77.6	88 565 646 647	28 1946
5545	7.0	46 45.90	3.2852	0.0184	26 52 19.9	19.039	0.142	77.6	200 641 644	26 2145
5546	9.0	10 47 30.09	+3.2822	−0.0183	+26 47 13.2	−19.059	−0.141	93.3	1794 1795	26 2146
5547	8.4	47 38.86	3.3078	0.0206	29 34 24.1	19.063	0.142	73.9	74 90 290	29 2102
5548	9.5	47 43.36	3.3039	0.0203	29 11 2.5	19.065	0.142	83.0	752 976 1171	29 2103
5549	6 3	47 54.63	3.2754	0.0178	26 9 20.2	19.070	0.139	74.3	92 200 288	26 2147
5550	9.0	47 58.08	3.2859	0.0188	27 19 53.4	19.072	0.140	76.5	80 199 642 647	27 1951

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5551	9.3	10h 48m 20s.34	+3s.2676	−0s.0172	+25° 23′ 38″.9	−19″.082	−0″.138	73.6	87 89 198	25° 2312
5552	9.2	48 28.89	3.2990	0.0200	28 55 22.0	19.086	0.140	85.9	90 1667 1676	29 2104*
5553	9.3	48 30.64	3.3024	0.0203	29 17 7.8	19.086	0.139	91.3	1625 1626 1627	29 2105*
5554	4.0[1]	48 50.62	3.2663	0.0172	25 24 57.7	19.095	0.137	74.6	87 89 198 451	25 2314
5555	9.4	48 55.34	3.2682	0.0173	25 39 32.5	19.098	0.137	79.3	287 645 972	25 2315
5556	9.5	10 49 1.10	+3.2694	−0.0175	+25 48 39.7	−19.100	−0.137	80.8	194 912 974 976	25 2316*
5557	8.9	49 18.08	3.2733	0.0179	26 21 24.7	19.108	0.137	81.9	5 obs.[2]	26 2148
5558	9.5	49 22.78	3.2739	0.0179	26 26 42.0	19.110	0.137	79.8	200 1174	26 2149*
5559	8.4	49 30.76	3.2912	0.0195	28 24 37.8	19.113	0.137	77.3	5 obs.[3]	28 1952
5560	7.0	49 47.36	3.2703	0.0177	26 10 2.1	19.121	0.135	75.3	81 92 644	26 2152
5561	9.5	10 50 1.20	+3.2950	−0.0200	+28 59 12.3	−19.127	−0.136	79.6	290 752 972	29 2107
5562	9.3	50 11.86	3.2838	0.0190	27 49 19.5	19.131	0.135	77.7	5 obs.[4]	27 1955
5563	8.8	50 17.29	3.2998	0.0205	29 36 39.5	19.134	0.136	76.3	74 290 449 646	29 2108
5564	9.5	50 19.44	3.2969	0.0202	29 18 1.3	19.135	0.136	90.3	1560 1561 1562	29 2109*
5565	8.6	50 22.85	3.2667	0.0176	25 56 25.1	19.136	0.134	74.3	92 200 288	26 2153
5566	9.0	10 50 26.84	+3.2693	−0.0177	+26 15 3.1	−19.138	−0.134	79.2	6 obs.[5]	26 2154
5567	7.7	50 30.02	3.2568	0.0166	24 48 31.3	19.139	0.134	73.8	87 89 194 198	24 2291
5568	8.8	50 43.10	3.2586	0.0169	25 5 20.7	19.145	0.134	76.9	287 451 558	25 2317
5569	8.7	51 9.44	3.2724	0.0182	26 49 39.5	19.156	0.133	76.0	92 288 644	26 2156
5570	9.5	51 16.31	3.2993	0.0207	29 54 1.7	19.159	0.134	82.8	90 1677	30 2091*
5571	7.8	10 51 23.52	+3.2564	−0.0168	+25 2 36.6	−19.162	−0.132	73.6	87 89 90 198	25 2319
5572	8.3	51 29.51	3.2733	0.0183	27 3 14.3	19.165	0.132	73.6	80 84 199	27 1960
5573	9.5	51 43.53	3.2755	0.0186	27 22 45.4	19.171	0.132	79.3	289 752 912	27 1961
5574	9.4	51 58.62	3.2738	0.0185	27 16 40.1	19.177	0.131	82.3	754 974 975	27 1962
5575	8.3	51 59.17	3.2659	0.0178	26 21 38.5	19.178	0.131	74.6	81 200 365[a]	26 2159
5576	9.1	10 52 33.16	+3.2605	−0.0174	+25 53 42.8	−19.192	−0.130	85.3	1169 1171 1176 1177	26 2160
5577	8.6	52 40.86	3.2850	0.0197	28 47 42.6	19.195	0.131	76.0	88 446 448	28 1957
5578	9.4	52 48.73	3.2849	0.0196	28 49 20.7	19.199	0.130	82.8	88 1676	28 1958*
5579	8.5[6]	52 53.71	3.2614	0.0175	26 6 30.7	19.201	0.129	76.7	7 obs.[7]	26 2161
5580	9.4	53 1.08	3.2687	0.0182	27 1 7.0	19.204	0.129	82.8	80 1678	27 1963*
5581	9.5	10 53 3.03	+3.2584	−0.0173	+25 48 0.4	−19.205	−0.129	73.6	87 89 198	25 2323
5582	8.6	53 3.52	3.2597	0.0174	25 57 31.6	19.205	0.129	77.6	200 641 644	26 2163
5583	9.1	53 5.76	3.2539	0.0169	25 16 32.7	19.206	0.128	85.3	1172 1174 1178 1179	25 2324*
5584	9.3	53 7.68	3.2686	0.0182	27 2 3.1	19.207	0.129	82.7	80 1677	27 1964*
5585	9.3	53 35.17	3.2834	0.0198	28 56 28.4	19.218	0.129	76.3	369	— —
5586	8.7	10 53 41.81	+3.2582	−0.0174	+26 0 1.9	−19.221	−0.128	75.6	92 200 288 644	26 2166
5587	8.9	53 52.89	3.2660	0.0181	26 59 38.1	19.225	0.127	76.0	6 obs.[8]	27 1965
5588	8.9	53 58.43	3.2691	0.0184	27 23 27.8	19.228	0.127	78.6	201 642 755 756	27 1966
5589	7.9	53 59.17	3.2905	0.0205	29 53 19.7	19.228	0.128	75.8	6 obs.[9]	29 2110
5590	8.9	53 59.61	3.2721	0.0187	27 46 6.6	19.228	0.128	81.3	757 913	27 1967
5591	8.1	10 54 10.38	+3.2717	−0.0187	+27 48 7.7	−19.233	−0.128	77.6	7 obs.	27 1968
5592	9.0	54 13.55	3.2730	0.0189	27 56 24.8	19.234	0.128	85.3	1171 1176 1177	28 1959
5593	8.5	54 14.36	3.2466	0.0164	24 44 31.0	19.234	0.126	74.8	194 287	24 2300
5594	8.9	54 22.26	3.2555	0.0173	25 53 35.4	19.238	0.126	74.3	81 92 200 365[a]	26 2167
5595	9.2	54 44.91	3.2484	0.0167	25 7 42.2	19.247	0.125	74.6	87 89 198 451	25 2325
5596	9.0	10 55 10.35	+3.2806	−0.0199	+29 11 12.1	−19.257	−0.126	74.5	74 90 203 449	29 2112
5597	8.4	55 20.63	3.2747	0.0193	28 32 40.8	19.261	0.125	76.0	88 446 448	28 1961
5598	9.3	55 56.72	3.2541	0.0175	26 14 32.8	19.276	0.122	85.3	1174 1177 1178 1179	26 2168
5599	9.5	56 3.84	3.2493	0.0171	25 41 37.5	19.279	0.122	82.3	87 287 1560 1562	25 2330*
5600	9.0	56 18.40	3.2539	0.0175	26 20 37.8	19.285	0.122	75.6	81 200 641	26 2169

[1] Double
[2] Z. 81 755 1169 1172 1173
[3] » 88 446 448 647 650
[4] Z. 80 84 642 754 913
[5] » 200 645 753 755 756 757
[6] Close double
[7] Z. 81 92 288 452 645(2) 649
[8] » 80 84 199 372 642 648
[9] » 74 90 203 290 646(2)

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5601	9.5	10h 56m 20.68	+3.2491	−0.0171	+25° 45′ 16.1	−19.286	−0.121	74.3	89 194 287	25° 2331*
5602	9.2	56 21.66	3.2810	0.0202	29 39 44.9	19.286	0.123	75.3	90 290 449	29 2115
5603	7.3	56 23.04	3.2803	0.0202	29 36 7.9	19.287	0.123	75.1	5 obs. [1]	29 2116
5604	8.7	56 25.41	3.2602	0.0181	27 9 50.5	19.288	0.122	75.1	5 obs. [2]	27 1970
5605	8.6	56 32.19	3.2510	0.0172	26 3 48.0	19.290	0.121	80.3	6 obs. [3]	26 2170
5606	6.9	10 57 0.65	+3.2528	−0.0175	+26 26 48.5	−19.302	−0.120	81.0	7 obs.	26 2171
5607	9.5	57 14.39	3.2411	0.0164	25 1 35.4	19.307	0.120	74.3	198	— —
5608	9.1	57 38.17	3.2718	0.0195	29 2 11.6	19.316	0.120	75.6	74 203 646	29 2117
5609	9.0	57 42.15	3.2730	0.0197	29 13 2.8	19.318	0.120	85.3	1174 1176 1177	29 2118
5610	9.4	57 43.29	3.2767	0.0201	29 40 21.5	19.318	0.120	90.8	1367 1914	29 2119
5611	8.0	10 57 47.71	+3.2779	−0.0203	+29 50 45.4	−19.320	−0.120	79.3	203 449 1272	29 2120
5612	8.5	57 48.94	3.2663	0.0191	28 26 17.1	19.321	0.119	76.8	88 446 448 647	28 1963
5613	9.5	57 49.97	3.2396	0.0164	25 1 22.3	19.321	0.118	79.3	5 obs. [4]	25 2333
5614	9.4	57 52.50	3.2452	0.0170	25 47 31.5	19.322	0.118	78.6	87 451 755 975	25 2334
5615	9.5	57 54.14	3.2612	0.0186	27 49 57.5	19.323	0.119	75.3	80 84 644	27 1971
5616	9.5	10 57 58.21	+3.2390	−0.0164	+25 0 37.0	−19.324	−0.118	73.3	89	— —
5617	9.2	58 0.99	3.2581	0.0183	27 29 9.4	19.325	0.118	83.3	199 1678	27 1972*
5618	9.0	58 5.66	3.2577	0.0183	27 28 11.1	19.327	0.118	76.0	199 201 642	27 1973
5619	9.3	58 27.70	3.2705	0.0197	29 12 14.1	19.336	0.118	88.0	290 1913 1916	29 2121*
5620	7.9	58 35.03	3.2440	0.0170	25 52 40.2	19.338	0.117	75.6	87 194 649	25 2335
5621	9.2	10 58 36.95	+3.2431	−0.0170	+25 46 27.4	−19.339	−0.117	79.1	5 obs. [5]	25 2336*
5622	8.9	58 40.62	3.2555	0.0182	27 24 24.7	19.341	0.118	74.0	80 84 201 289	27 1976
5623	8.7	58 41.13	3.2735	0.0200	29 39 6.8	19.341	0.118	76.7	5 obs. [6]	29 2122
5624	9.0	58 49.50	3.2653	0.0193	28 41 48.1	19.344	0.117	75.6	88 369 448	28 1966
5625	9.2	58 50.73	3.2388	0.0165	25 17 51.5	19.345	0.116	77.6	287 558 645	25 2337
5626	9.5	10 59 5.52	+3.2394	−0.0167	+25 27 59.4	−19.350	−0.116	82.3	198 1562	— —
5627	9.5	59 16.01	3.2479	0.0176	26 38 29.9	19.354	0.116	94.3	1907 1909 1910	26 2173
5628	8.4	59 25.01	3.2344	0.0162	24 54 5.4	19.358	0.115	75.0	87 194 287 451	25 2338
5629	9.1	59 26.32	3.2637	0.0192	28 43 30.0	19.358	0.116	76.8	88 446 446 643	28 1967
5630	8.9	59 37.78	3.2552	0.0184	27 43 12.7	19.363	0.116	77.6	199 642 644	27 1978
5631	8.5	10 59 47.07	+3.2533	−0.0182	+27 33 14.8	−19.366	−0.115	77.7	201 647 648	27 1979
5632	9.1	59 59.34	3.2467	0.0176	26 45 15.3	19.371	0.114	79.5	6 obs. [7]	26 2174
5633	9.4	11 0 0.71	3.2514	0.0181	27 22 20.4	19.371	0.114	75.9	80 289 644	27 1980*
5634	9.0	0 7.74	3.2643	0.0195	29 4 15.3	19.374	0.115	74.5	74 90 203 449	29 2123
5635	8.3	0 14.17	3.2435	0.0178	26 24 19.5	19.376	0.114	75.0	94 200 452	26 2175
5636	7.2	11 0 21.63	+3.2416	−0.0172	+26 12 45.2	−19.379	−0.114	76.5	5 obs. [8]	26 2176
5637	9.0	0 36.86	3.2715	0.0204	30 11 9.1	19.385	0.114	85.8	1178 1179 1270 1271	*30 2107*
5638	9.0	0 42.32	3.2354	0.0166	25 30 10.5	19.387	0.113	74.9	5 obs. [9]	25 2340
5639	9.2	0 52.60	3.2434	0.0175	26 39 23.6	19.391	0.112	83.3	200 1679	26 2178*
5640	9.3	0 53.08	3.2691	0.0202	29 59 40.7	19.391	0.113	76.8	74 757	30 2108*
5641	9.1	11 1 13.67	+3.2500	−0.0183	+27 39 50.3	−19.398	−0.112	74.5	6 obs. [10]	27 1983
5642	9.0	1 44.08	3.2663	0.0201	29 59 20.6	19.410	0.112	77.6	7 obs. [11]	30 2109
5643	9.0	1 44.76	3.2583	0.0193	28 57 14.6	19.410	0.112	91.8	1627 1685	29 2125
5644	9.0	1 59.69	3.2631	0.0199	29 41 52.1	19.415	0.111	80.3	449 755 976	29 2126
5645	9.4	2 3.27	3.2559	0.0191	28 46 26.3	19.417	0.111	76.9	5 obs. [12]	28 1970
5646	8.8	11 2 4.38	+3.2666	−0.0203	+30 10 5.1	−19.417	−0.111	87.0	1171 1172 1173 1667	*30 2110*
5647	6.0	2 6.58	3.2304	0.0164	25 20 5.6	19.418	0.110	74.9	5 obs. [13]	25 2344
5648	8.3	2 11.19	3.2547	0.0190	28 39 47.1	19.420	0.110	78.0	448 453 643	28 1971
5649	9.3	2 38.01	3.2383	0.0174	26 37 57.0	19.429	0.109	73.9	81 92 285	26 2179
5650	9.1	2 38.78	3.2555	0.0192	28 57 46.1	19.429	0.109	92.3	1683	29 2128*

[1] Z. 74 90 203 290 646
[2] » 80 84 201 289 647
[3] » 94 200 452 1169 1171 1267
[4] » 89 198 912 972 976
[5] » 198 753 755 756 757
[6] Z. 74 90 203 646 976
[7] » 81 92 200 1174 1176 1177
[8] » 81 92 452 645 648
[9] » 89 194 198 287 451
[10] Z. 80 84 199 201 289 372
[11] » 203(2) 290 646(2) 753 754
[12] » 88 369 446 448 754
[13] » 87 89 194 376 451

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
5651	9.0	11h 2m 53.58	+3.2383	−0.0174	+26° 44′ 21.7	−19.435	−0.108	74.0	81 92 200 285	26° 2180
5652	9.1	3 7.58	3.2504	0.0188	28 32 19.0	19.440	0.108	76.6	88 446 643	28 1972
5653	9.4	3 18.79	3.2564	0.0195	29 20 59.3	19.444	0.108	80.0	74 755 1272	29 2129
5654	9.1	3 27.10	3.2578	0.0197	29 36 7.7	19.447	0.108	76.8	203 290 449 757	29 2130
5655	9.5	3 27.28	3.2279	0.0165	25 29 49.8	19.447	0.107	82.8	287 1562	— —
5656	8.9	11 3 45.76	+3.2390	−0.0178	+27 11 20.2	−19.453	−0.106	74.5	5 obs. [1]	27 1987
5657	8.7	3 56.22	3.2289	0.0167	25 48 41.3	19.457	0.106	74.5	87 89 194 451	25 2346
5658	9.0	3 59.22	3.2265	0.0164	25 29 41.8	19.458	0.105	80.0	198 287 1560	25 2347
5659	8.4	4 13.23	3.2361	0.0176	26 56 46.3	19.463	0.106	74.3	80 84 372	27 1988
5660	9.1	4 19.13	3.2427	0.0183	27 54 32.2	19.465	0.105	75.6	88 369 446	28 1975
5661	8.4	11 4 24.80	+3.2338	−0.0173	+26 42 31.0	−19.467	−0.105	75.1	92 200 285 452	26 2181
5662	9.0	4 38.70	3.2401	0.0181	27 41 44.6	19.472	0.105	76.0	199 201 642	27 1989
5663	9.5	4 45.70	3.2406	0.0182	27 49 16.3	19.475	0.104	94.3	1800 1912 1944	27 1990
5664	9.4	4 53.74	3.2487	0.0191	29 0 2.4	19.477	0.104	83.8	976 1072	29 2133
5665	7.7	4 58.77	3.2377	0.0179	27 30 33.3	19.479	0.104	79.8	642 647 755 757	27 1991
5666	8.9	11 5 4.27	+3.2237	−0.0163	+25 30 50.1	−19.481	−0.103	75.6	198 287 451	25 2350
5667	8.1	5 48.70	3.2205	0.0162	25 19 47.9	19.496	0.101	79.0	558 645 649	25 2352
5668	8.8	6 6.33	3.2537	0.0201	30 13 9.6	19.502	0.102	86.8	1271 1367	*30 2121*
5669	7.5	6 24.17	3.2351	0.0180	27 43 55.2	19.508	0.101	80.3	84 976 1072	27 1992
5670	9.2	6 30.31	3.2235	0.0167	26 3 53.1	19.510	0.100	79.3	641 645	26 2182
5671	7.5	11 6 35.36	+3.2353	−0.0181	+27 51 19.1	−19.512	−0.101	84.3	1069 1070 1071 1074	27 1993
5672	8.3	6 40.37	3.2520	0.0200	30 13 58.0	19.514	0.101	86.8	1272 1370	*30 2123*
5673	9.5	6 45.07	3.2351	0.0181	27 53 7.1	19.515	0.100	88.0	971 1561 1562	27 1994
5674	8.4	7 0.69	3.2203	0.0165	25 47 8.2	19.520	0.099	84.3	1069 1073 1076	25 2353
5675	9.5	7 35.64	3.2334	0.0181	28 0 25.7	19.532	0.099	83.3	971	28 1977*
5676	7.5	11 7 52.77	+3.2217	−0.0169	+26 23 21.1	−19.538	−0.097	81.3	645 976	26 2184
5677	9.0	8 8.78	3.2144	0.0161	25 22 20.7	19.543	0.097	89.9	1072 1679 1795	25 2355
5678	8.6	8 13.85	3.2162	0.0163	25 40 0.4	19.545	0.097	84.3	1070 1071 1074 1075	25 2357
5679	9.1	8 15.26	3.2240	0.0172	26 52 35.8	19.545	0.096	76.3	84 641	26 2185
5680	8.3	8 23.75	3.2240	0.0173	26 56 36.0	19.548	0.096	80.3	84 976 1076	27 1998
5681	9.5	11 8 26.98	+3.2112	−0.0158	+24 58 41.0	−19.549	−0.096	93.3	1799 1800	25 2358
5682	8.8	8 37.52	3.2285	0.0178	27 43 52.0	19.552	0.096	85.8	1073 1370	27 1999
5683	6.8	8 38.96	3.2318	0.0182	28 15 5.6	19.553	0.097	86.0	1069 1271 1369	28 1979
5684	8.3	8 39.19	3.2245	0.0174	27 7 51.4	19.553	0.096	81.8	642 1075	27 2000
5685	9.0	8 59.42	3.2306	0.0183	28 13 33.1	19.560	0.096	85.8	643 1683	28 1980
5686	9.4	11 9 0.43	+3.2189	−0.0168	+26 25 42.5	−19.560	−0.095	91.6	1272 1909 1912	26 2186
5687	8.8	9 6.38	3.2363	0.0189	29 7 21.3	19.562	0.096	81.8	646 1076	29 2140
5688	9.5	9 35.33	3.2388	0.0194	29 43 43.1	19.571	0.095	94.6	1801 1913 1944 1945	29 2142
5689	8.7	9 35.36	3.2202	0.0172	26 53 58.7	19.571	0.094	74.3	80 84 372	27 2002
5690	9.0	9 39.73	3.2076	0.0156	24 54 34.3	19.572	0.094	75.5	5 obs. [2]	25 2359
5691	8.6	11 9 43.59	+3.2276	−0.0181	+28 6 10.5	−19.574	−0.094	76.6	88 448 647	28 1981
5692	9.1	9 47.45	3.2173	0.0168	26 29 47.4	19.575	0.093	80.6	644 645 976	26 2187
5693	9.4	9 56.21	3.2394	0.0196	29 58 31.9	19.578	0.094	79.8	290 1071	30 2128
5694	8.9	10 33.10	3.2392	0.0197	30 15 8.0	19.589	0.093	85.3	1172 1173 1174	*30 2130*
5695	9.5	10 33.15	3.2093	0.0160	25 33 57.9	19.589	0.092	83.6	198 976 1800	25 2361
5696	7.4	11 11 1.34	+3.2115	−0.0165	+26 8 37.4	−19.598	−0.093	75.3	92 94 644	26 2189
5697	6.6	11 2.80	3.2233	0.0179	28 2 40.6	19.598	0.091	77.3	88 448 646 647	28 1983
5698	7.8	11 5.85	3.2087	0.0162	25 44 2.2	19.599	0.091	74.3	87 89 376	25 2362
5699	8.3	11 10.65	3.2140	0.0168	26 38 7.0	19.601	0.091	79.1	5 obs. [3]	26 2190
5700	9.3	11 35.02	3.2253	0.0183	28 38 19.1	19.608	0.090	81.8	646 1071	28 1985

[1] Z. 80 84 199 289 372 [2] Z. 87 89 90 558 649 [3] Z. 285 558 645 649 971

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5701	9:1	11h 11m 41s.00	+3s.2244	−0s.0182	+28° 32′ 36″.0	−19″.610	−0″.090	77.3	88 643 647	28° 1986
5702	8.8	11 44.20	3.2081	0.0162	25 55 3.0	19.611	0.090	78.8	92 644 645 976	26 2192
5703	8.5	11 58.28	3.2324	0.0194	29 56 18.8	19.615	0.090	85.3	1171 1176 1177	30 2134
5704	9.0	12 0.54	3.2077	0.0163	25 59 9.3	19.616	0.089	75.6	94 285 558	26 2194
5705	9.0	12 2.40	3.2005	0.0154	24 46 14.3	19.617	0.089	75.6	89 198 649	24 2339
5706	9.4	11 12 53.56	+3.2088	−0.0167	+26 35 7.8	−19.632	−0.087	79.3	285 645 976	26 2195
5707	9.1	13 18.62	3.2257	0.0190	29 33 38.2	19.639	0.086	83.5	754 971 1172 1173	29 2145
5708	8.6	13 18.63	3.2253	0.0190	29 29 29.3	19.639	0.086	75.5	74 203 290 646	29 2144
5709	7.7	13 28.75	3.2217	0.0185	28 59 37.3	19.642	0.086	78.3	290 650 756	29 2147
5710	9.0	13 30.61	3.2047	0.0164	26 10 43.6	19.643	0.086	75.3	6 obs.[1]	26 2196
5711	9.4	11 13 35.43	+3.2203	−0.0184	+28 50 54.5	−19.644	−0.086	76.6	88 448 643	28 1989
5712	9.4	13 38.23	3.2137	0.0176	27 46 3.1	19.645	0.086	74.6	196 199 289	27 2007
5713	8.9	13 58.60	3.1927	0.0148	24 18 5.2	19.651	0.085	85.3	1171 1174 1177	*24 2344*
5714	9.5	14 24.00	3.2020	0.0163	26 9 0.8	19.659	0.084	74.8	200 285	26 2197
5715	9.0	14 31.21	3.2135	0.0178	28 10 27.4	19.661	0.084	76.8	88 446 448 643	28 1993
5716	9.5	11 14 52.36	+3.2196	−0.0187	+29 23 43.1	−19.667	−0.083	73.2	74	— —
5717	9.5	15 14.73	3.2187	0.0187	29 26 36.4	19.673	0.083	89.3	1521	29 2149*
5718	9.0	15 20.63	3.1995	0.0163	26 10 10.8	19.675	0.082	76.0	7 obs.[2]	26 2199
5719	9.4	15 42.58	3.1944	0.0157	25 26 41.0	19.681	0.081	73.8	89 198	25 2366*
5720	8.7	15 44.29	3.2061	0.0172	27 33 12.5	19.681	0.082	76.2	6 obs.[3]	27 2099
5721	8.2	11 15 47.07	+3.2199	−0.0191	+29 57 2.9	−19.682	−0.081	85.3	1172 1173 1179	30 2139
5722	8.2	16 3.94	3.1933	0.0156	25 25 6.5	19.687	0.080	74.9	5 obs.[4]	25 2367
5723	9.3	16 10.00	3.2038	0.0171	27 21 46.9	19.689	0.081	74.6	196 199 201 289	27 2011
5724	9.5	16 16.51	3.2130	0.0183	29 2 21.1	19.690	0.080	80.3	754 755 757	29 2152
5725	8.1	16 28.79	3.2193	0.0193	30 14 24.3	19.694	0.080	85.3	1171 1174 1181	*30 2141*
5726	9.4	11 16 30.52	+3.2049	−0.0173	+27 44 28.7	−19.694	−0.080	86.3	1270	27 2013*
5727	9.4	16 47.37	3.1954	0.0161	26 10 22.2	19.699	0.079	75.7	94 200 648	26 2203
5728	9.5	16 47.39	3.1989	0.0166	26 48 48.5	19.699	0.079	80.6	644 645 971	26 2202
5729	9.1	16 56.55	3.2034	0.0173	27 41 58.3	19.701	0.079	88.0	1177 1271 1683	27 2014*
5730	8.0	17 0.75	3.2128	0.0187	29 24 15.8	19.703	0.079	74.3	74 203 290	29 2153
5731	9.5	11 17 5.84	+3.2050	−0.0176	+28 5 32.7	−19.704	−0.079	80.8	565 976	28 1996
5732	9.1	17 10.92	3.1886	0.0154	25 6 21.9	19.705	0.078	86.3	198 1562 1563 1564	25 2368*
5733	9.0	17 10.93	3.1964	0.0164	26 34 13.4	19.705	0.078	80.7	5 obs.[5]	26 2204
5734	9.0	17 13.72	3.1913	0.0157	25 38 15.4	19.706	0.078	86.7	1272 1273 1370	25 2369
5735	9.0	17 41.05	3.2150	0.0192	30 10 55.3	19.713	0.078	86.6	1179 1367 1369	*30 2148*
5736	9.1	11 17 45.29	+3.1921	−0.0159	+26 3 3.5	−19.714	−0.076	77.3	285 645	26 2205
5737	8.5	17 52.55	3.2104	0.0186	29 28 44.5	19.716	0.077	75.6	203 290 449	29 2155
5738	8.7	17 53.32	3.2016	0.0173	27 54 44.9	19.717	0.077	83.0	6 obs.[6]	28 1999
5739	9.1	18 19.98	3.2001	0.0173	27 52 19.3	19.724	0.076	74.6	196 199 289	27 2016*
5740	8.7	18 22.49	3.2096	0.0186	29 38 6.0	19.724	0.076	75.0	74 203 290 449	29 2156
5741	8.3	11 18 27.57	+3.1941	−0.0166	+26 50 5.6	−19.726	−0.075	79.3	285 452 1174	26 2208
5742	9.1	18 30.11	3.1852	0.0152	25 8 2.9	19.726	0.075	76.3	89 375 649	25 2371
5743	9.5	18 36.57	3.2019	0.0176	28 21 7.0	19.728	0.075	85.3	1172 1173	28 2001
5744	8.9	18 38.01	3.2091	0.0187	29 41 9.0	19.728	0.076	80.7	5 obs.[7]	29 2157
5745	8.8	18 41.12	3 2031	0.0178	28 37 45.6	19.729	0.075	76.3	88 446 565	28 2002
5746	9.1	11 18 42.94	+3.1844	−0.0152	+25 5 9.9	−19.730	−0.075	73.8	89 198	25 2372*
5747	9.3	18 48.65	3.1894	0.0159	26 5 40.6	19.731	0.074	76.6	94 200 644 645	26 2209
5748	9.0	18 56.29	3.2078	0.0186	29 37 34.8	19.733	0.075	81.0	755 756 757	29 2159
5749	9.4	19 7.32	3.2089	0.0189	29 57 17.6	19.736	0.075	85.6	1171 1177 1271	30 2156
5750	7.0	19 8.02	3.1953	0.0169	27 26 2.0	19.736	0.074	78.6	196 201 565 1371	27 2021

[1] Z. 92(2) 94 200 558 648
[2] » 94(2) 200 285 452 648 649
[3] » 196 199 201 289 647(2)
[4] Z. 87 89 198 376 451
[5] » 200 285 452 1450 1451
[6] Z. 88 446 646 1521 1522 1523
[7] » 646 755 756 757 976

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
5751	9.0	11h 19m 10s.41	+3s.1974	−0s.0172	+27° 50′ 42″.5	−19″.737	−0″.074	74.6	196 199 201 289	27° 2019
5752	9.0	19 11.74	3.1969	0.0171	27 45 31.5	19.737	0.074	81.6	642 647 648 1452	27 2020
5753	9.3	19 26.56	3.1861	0.0157	25 48 15.1	19.741	0.073	75.0	87 198 451	25 2374
5754	9.0	20 3.99	3.1850	0.0158	25 56 27.3	19.751	0.072	85.3	1174 1179 1181	26 2212
5755	8.0	20 5.18	3.1906	0.0166	27 4 55.2	19.751	0.072	76.0	199 289 565	27 2022
5756	9.4	11 20 5.28	+3.1976	−0.0176	+28 25 44.2	−19.751	−0.072	76.6	88 448 646	28 2004
5757	8.5	20 16.25	3.1860	0.0160	26 16 1.4	19.754	0.071	76.6	94 378 452 649	26 2213
5758	7.1	20 18.94	3.2005	0.0181	29 5 40.6	19.754	0.071	76.1	5 obs.[1]	29 2160
5759	7.3	20 33.04	3.1825	0.0156	25 42 55.8	19.758	0.071	75.3	5 obs.[2]	25 2376
5760	9.1	20 34.46	3.1986	0.0179	28 54 39.5	19.758	0.071	76.0	203 290 566	29 2162
5761	9.2	11 20 55.48	+3.2040	−0.0189	+30 8 36.2	−19.763	−0.071	85.3	1171 1172 1173	*30 2158*
5762	8.6	20 55.61	3.1839	0.0159	26 12 6.8	19.763	0.070	80.3	94 452 1176 1177	26 2214
5763	8.8	20 57.12	3.1766	0.0148	24 43 7.3	19.764	0.070	87.0	376 1679 1681	— —
5764	8.5	20 57.79	3.1766	0.0148	24 43 55.7	19.764	0.070	83.0	376 1270 1271	24 2360
5765	7.9	21 1.68	3.1882	0.0166	27 8 25.2	19.765	0.070	76.1	5 obs.[3]	27 2024
5766	9.3	11 21 5.36	+3.1868	−0.0164	+26 54 27.0	−19.766	−0.070	85.0	200 1562 1563	27 2025*
5767	9.0	21 21.64	3.1769	0.0150	24 59 39.5	19.770	0.069	76.8	375 451	25 2381
5768	9.3	21 22.28	3.1919	0.0172	28 4 41.3	19.770	0.069	75.0	88 195 448	28 2006
5769	9.0	21 45.15	3.1766	0.0150	25 9 48.5	19.776	0.069	74.6	87 89 451	25 2383
5770	8.2	22 23.60	3.1791	0.0157	26 4 4.3	19.785	0.067	85.7	1174 1179 1275	26 2218
5771	9.4	11 22 27.19	+3.1985	−0.0188	+30 4 14.4	−19.786	−0.067	86.7	1272 1273 1369	*30 2161*
5772	9.5	22 41.26	3.1926	0.0178	29 2 46.2	19.789	0.067	88.9	5 obs.[4]	29 2167
5773	8.6	22 48.22	3.1835	0.0165	27 14 42.4	19.791	0.066	75.1	5 obs.[5]	27 2030
5774	8.2	22 48.61	3.1803	0.0160	26 33 44.5	19.791	0.066	75.3	200 285 366	26 2219
5775	8.8	22 58.54	3.1902	0.0176	28 46 42.1	19.793	0.066	76.9	7 obs.[6]	28 2008
5776	8.7	11 23 5.59	+3.1826	−0.0165	+27 15 18.6	−19.794	−0.066	74.6	196 199 289	27 2031
5777	9.0	23 5.91	3.1943	0.0183	29 38 58.6	19.794	0.066	77.6	203 449 646 650	29 2168
5778	9.4	23 13.17	3.1741	0.0152	25 28 47.8	19.797	0.066	73.6	87 89 198	25 2384
5779	7.7	23 17.24	3.1746	0.0153	25 38 8.9	19.797	0.065	79.1	5 obs.[7]	25 2385
5780	7.7	23 26.61	3.1740	0.0153	25 34 22.6	19.800	0.065	76.1	198 375 376 451	25 2386
5781	7.5	11 23 32.12	+3.1756	−0.0155	+25 59 35.2	−19.801	−0.065	76.5	7 obs.[8]	26 2222
5782	9.5	23 33.86	3.1912	0.0180	29 20 27.2	19.801	0.065	79.0	290 566 976	29 2171
5783	9.1	23 49.01	3.1796	0.0162	27 4 8.8	19.805	0.064	78.1	196 644 647 648	27 2033
5784	8.4	23 51.48	3.1820	0.0167	27 36 43.8	19.805	0.064	78.7	454 644 648	27 2034
5785	9.5	24 1.73	3.1913	0.0182	29 39 35.3	19.808	0.064	85.3	1172 1173 1174	29 2172
5786	9.3	11 24 11.40	+3.1743	−0.0156	+26 8 26.5	−19.810	−0.064	74.3	94 200 285	26 2224
5787	6.9	24 18.67	3.1879	0.0178	29 8 25.3	19.812	0.063	74.0	74 90 203 290	29 2176
5788	8.1	24 36.16	3.1826	0.0171	28 13 30.8	19.815	0.063	76.1	88 195 453 652	28 2012
5789	8.9	24 56.71	3.1884	0.0182	29 41 33.4	19.820	0.062	76.3	290 449	29 2177
5790	7.1	25 17.47	3.1663	0.0147	25 0 3.9	19.825	0.061	76.9	9 obs.	25 2388
5791	9.2	11 25 24.82	+3.1734	−0.0159	+26 43 3.5	−19.826	−0.061	91.8	1628 1681	26 2226*
5792	7.5	25 48.87	3.1858	0.0182	29 44 17.3	19.832	0.060	77.0	9 obs.	29 2179
5793	8.4	26 2.73	3.1643	0.0146	25 0 53.3	19.835	0.060	73.6	87 89 198	25 2389
5794	8.9	26 14.24	3.1655	0.0149	25 24 54.3	19.837	0.060	77.3	375 376 451 649	25 2390
5795	9.3	26 22.78	3.1711	0.0160	26 50 30.2	19.839	0.059	77.8	92 94 200 1563	26 2230*
5796	8.5	11 26 55.63	+3.1695	−0.0159	+26 50 12.2	−19.846	−0.058	75.7	7 obs.[9]	26 2231
5797	8.8	27 23.69	3.1728	0.0168	27 57 1.8	19.852	0.057	76.5	6 obs.[10]	28 2014
5798	9.2	27 30.18	3.1662	0.0155	26 26 49.8	19.853	0.057	76.3	6 obs.[11]	26 2232
5799	9.0	27 55.50	3.1733	0.0170	28 27 31.1	19.858	0.056	75.0	88 195 453	28 2016
5800	9.1	28 18.17	3.1699	0.0166	27 53 45.6	19.863	0.055	75.3	196 199 289 454	27 2037

[1] Z. 74 90 203 449 914
[2] » 87 89 198 375 645
[3] » 199 201 289 453 647
[4] » 566 976 1909 1912 1913
[5] Z. 196 199 201 289 454
[6] » 88 195 446(2) 453 643(2)
[7] » 375 376 377 651 1371
[8] » 94 285 366 378 452(2) 649
[9] Z. 93 94 200 285 452(2) 648
[10] » 88 195 446(2) 453 643
[11] » 94 200 285 366 648 649

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5801	8.6	11h 28m 27.82	+3.1786	−0.0182	+30° 7′ 0.8	−19.865	−0.055	85.6	1172 1173 1273	30° 2175
5802	9.0	29 3.27	3.1787	0.0185	30 37 27.9	19.872	0.054	85.6	1174 1176 1177 1272	30 2176
5803	9.2	29 5.12	3.1559	0.0144	24 57 38.1	19.872	0.054	86.0	1179 1271 1275	25 2392
5804	9.5	29 5.80	3.1600	0.0151	26 2 20.5	19.872	0.054	75.3	285	26 2234*
5805	8.5	29 10.33	3.1624	0.0157	26 41 39.4	19.873	0.054	77.5	6 obs.[1]	26 2235
5806	8.9	11 29 15.80	+3.1568	−0.0146	+25 18 2.4	−19.874	−0.053	77.7	6 obs.[2]	25 2393
5807	9.3	29 25.27	3.1644	0.0162	27 22 50.1	19.876	0.053	89.3	1523	27 2038*
5808	8.2	29 28.29	3.1690	0.0170	28 35 42.2	19.877	0.053	76.9	195 371 446(2) 652	28 2021
5809	6.0	29 43.15	3.1678	0.0169	28 28 19.1	19.879	0.053	78.0	12 obs.	28 2022
5810	8.7	29 44.40	3.1645	0.0163	27 39 57.2	19.880	0.053	75.3	196 201 289 454	27 2039
5811	9.2	11 29 45.65	+3.1704	−0.0175	+29 9 43.6	−19.880	−0.052	74.9	5 obs.[3]	29 2186
5812	9.4	29 54.40	3.1636	0.0162	27 33 48.2	19.882	0.052	89.3	1521	— —
5813	8.8	29 54.61	3.1597	0.0154	26 31 56.8	19.882	0.052	74.3	93 94 366	26 2236
5814	7.0	29 54.94	3.1566	0.0148	25 43 16.1	19.882	0.052	76.5	87 198 375 649(2)	25 2394
5815	8.0	30 39.58	3.1648	0.0168	28 27 57.4	19.890	0.051	76.1	88 195 453 650	28 2023
5816	8.9	11 30 42.60	+3.1542	−0.0148	+25 40 46.1	−19.891	−0.050	76.3	6 obs.[4]	25 2396
5817	8.1	30 51.56	3.1568	0.0153	26 29 38.9	19.892	0.049	75.7	5 obs.[5]	26 2237
5818	7.9	30 53.11	3.1552	0.0151	26 6 30.0	19.893	0.049	76.3	93 378 452(2) 457	26 2238
5819	8.3	31 2.23	3.1624	0.0165	28 8 10.9	19.894	0.050	76.7	372 379 446	28 2024
5820	9.5	31 18.07	3.1655	0.0173	29 10 42.5	19.897	0.049	76.8	290 566	29 2188
5821	9.3	11 31 18.76	+3.1521	−0.0146	+25 33 28.6	−19.897	−0.048	76.8	87 89 198 1273	25 2397
5822	8.2	31 18.80	3.1540	0.0150	26 5 21.9	19.897	0.048	80.1	93 378 1172 1173	26 2239
5823	8.4	31 37.70	3.1499	0.0144	25 10 0.6	19.901	0.048	79.1	5 obs.[6]	25 2398
5824	9.4	31 38.59	3.1576	0.0159	27 21 6.3	19.901	0.048	75.3	196 199 289 454	27 2040*
5825	9.0	32 0.19	3.1632	0.0173	29 10 55.3	19.905	0.048	74.9	5 obs.[7]	29 2191
5826	9.5	11 32 41.16	+3.1545	−0.0158	+27 21 5.1	−19.912	−0.046	74.6	196 199 289	27 2041
5827	9.4	32 43.42	3.1518	0.0153	26 36 13.6	19.912	0.046	75.3	200 285 366	26 2240
5828	9.2	32 49.01	3.1525	0.0155	26 54 9.6	19.913	0.045	76.6	95 201 644 647	27 2042
5829	7.7	32 59.99	3.1490	0.0148	25 59 42.3	19.915	0.045	76.8	6 obs.[8]	26 2241
5830	8.0[9]	33 4.89	3.1543	0.0160	27 38 56.0	19.916	0.046	75.3	95 196 201 289 648	27 2044
5831	9.5	11 33 5.62	+3.1472	−0.0145	+25 35 34.5	−19.916	−0.045	75.6	89 198 645	25 2400
5832	8.8	33 16.43	3.1581	0.0169	28 52 16.6	19.918	0.045	76.9	8 obs.	28 2026
5833	9.4	33 19.51	3.1495	0.0151	26 26 31.0	19.919	0.044	76.8	200 649	26 2242
5834	9.4	33 34.29	3.1617	0.0179	30 11 5.0	19.921	0.045	85.3	1172 1173 1174	30 2183
5835	9.0	33 34.34	3.1433	0.0140	24 48 42.5	19.921	0.044	75.7	198 375 376	24 2377
5836	9.1	11 33 37.56	+3.1560	−0.0167	+28 36 1.4	−19.922	−0.044	76.7	7 obs.[10]	28 2027
5837	8.8	33 38.10	3.1446	0.0142	25 13 30.0	19.922	0.044	75.7	5 obs.[11]	25 2401
5838	7.3	33 39.69	3.1498	0.0154	26 50 47.7	19.922	0.044	79.1	366 378 452 1271	26 2243
5839	7.4	33 44.62	3.1483	0.0151	26 28 39.9	19.923	0.044	77.0	6 obs.[12]	26 2244
5840	8.4	34 42.48	3.1425	0.0144	25 29 56.8	19.932	0.042	76.1	8 obs.	25 2403
5841	8.0	11 34 58.65	+3.1507	−0.0164	+28 19 10.5	−19.935	−0.041	77.0	9 obs.	28 2029
5842	9.0	35 5.55	3.1545	0.0173	29 32 52.1	19.936	0.041	74.7	5 obs.[13]	29 2196
5843	7.9	35 19.38	3.1443	0.0151	26 37 14.6	19.938	0.040	76.4	9 obs.	26 2248
5844	8.5	35 59.01	3.1362	0.0136	24 35 48.1	19.944	0.039	86.1	1172 1173 1181 1453	24 2384
5845	8.8	36 12.75	3.1458	0.0160	27 56 39.6	19.946	0.039	76.6	195 371 379 643	28 2032
5846	7.3	11 36 50.92	+3.1462	−0.0166	+28 44 51.7	−19.952	−0.037	76.7	7 obs.[14]	28 2033
5847	8.0	36 56.20	3.1445	0.0162	28 15 42.6	19.953	0.037	74.6	86 88 453	28 2034
5848	8.3	37 0.74	3.1487	0.0172	29 44 17.4	19.953	0.037	75.1	6 obs.[15]	29 2201
5849	9.5	37 1.25	3.1424	0.0164	27 37 11.6	19.954	0.037	75.3	289	— —
5850	9.5	37 15.56	3.1343	0.0139	25 4 50.1	19.956	0.036	73.3	87	25 2406*

[1] Z. 94 200 644 645 648 651
[2] » 89 198 375 376 451 1453
[3] » 74 90 203 290 566
[4] » 87 292 376 377 451 651
[5] » 94 200 285 366 648
[6] Z. 292 376 451 567 1453
[7] » 74 90 203 290 566
[8] » 94 285 378 452 651(2)
[9] Close double; preceding
[10] Z. 88 195 371 446(2) 650 652
[11] Z. 87 292 376 377 451
[12] » 93 94 200 457(2) 1273
[13] » 74 90 203 290 455
[14] » 88 195 379 446(2) 643 652
[15] » 74 90 203 290 449 455

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5851	7.0	11h 37m 16s.66	+3s.1331	−0s.0136	+24° 42′ 15″.2	−19″.956	−0″.036	81.3	89 1174 1177	*24° 2386*
5852	9.2	37 24.57	3.1330	0.0136	24 46 31.8	19.957	0.036	75.3	5 obs.[1]	24 2387
5853	7.5	37 35.14	3.1484	0.0176	30 16 25.5	19.958	0.036	85.3	1172 1173 1183	*30 2189*
5854	6.2	37 42.51	3.1353	0.0144	25 54 41.6	19.959	0.036	76.8	14 obs.	26 2250
5855	9.2	37 58.75	3.1322	0.0139	25 4 50.8	19.962	0.035	75.8	87 198 375 651	25 2409
5856	9.3	11 38 7.54	+3.1433	−0.0167	+29 7 23.5	−19.963	−0.035	78.6	74 203 1453	29 2204
5857	9.0	38 10.98	3.1308	0.0136	24 45 39.9	19.963	0.035	77.7	376 451 645	24 2388
5858	7.1	38 12.41	3.1437	0.0168	29 21 47.2	19.964	0.035	78.5	5 obs.[2]	29 2206
5859	9.4	38 19.09	3.1426	0.0167	29 7 24.1	19.965	0.034	78.3	566	29 2207
5860	9.4	38 19.24	3.1426	0.0167	29 7 18.1	19.965	0.034	76.8	203 646	
5861	8.0	11 38 26.97	+3.1393	−0.0159	+28 6 20.1	−19.966	−0.034	75.7	195 371 379	28 2037
5862	9.1	38 42.22	3.1405	0.0164	28 49 0.7	19.968	0.034	77.7	371 453 643	28 2038
5863	7.3	38 54.66	3.1373	0.0157	27 54 44.1	19.969	0.033	78.1	5 obs.[3]	28 2039
5864	8.3	39 1.92	3.1313	0.0143	25 48 22.2	19.970	0.033	76.3	198 377 568	25 2411
5865	9.5	39 4.58	3.1297	0.0139	25 14 2.6	19.971	0 033	84.3	292 1799	25 2412
5866	9.2	11 39 17.30	+3.1399	−0.0167	+29 17 31.9	−19.972	−0.032	76.3	74 449 566	29 2209
5867	9.0	39 19.61	3.1349	0.0156	27 48 59.6	19.973	0.032	89.3	1521 1522	— —
5868	9.4	39 25.34	3.1312	0.0145	26 11 16.7	19.973	0 032	74.3	94 200 285	26 2253
5869	8.4	39 28.50	3.1395	0.0167	29 21 46.6	19.974	0.032	80.3	7 obs.	29 2210
5870	9.2	39 31.32	3.1394	0.0167	29 22 32.1	19.974	0.032	75.3	290	— —
5871	9.0	11 39 33.97	+3.1343	−0.0154	+27 32 16.6	−19.975	−0.032	75.3	196 199 454	27 2053
5872	9.5	39 41.39	3.1348	0.0156	27 53 14.0	19.976	0.032	75.3	289	28 2040*
5873	9.0	39 49.87	3.1278	0.0138	25 18 38.6	19.977	0.031	75.3	87 198 375 451	25 2415
5874	9.0	40 17.35	3.1373	0.0168	29 31 53.6	19.980	0.030	80.1	650 754 755 756	29 2213
5875	9.2	40 25.07	3.1323	0.0154	27 44 5.1	19.981	0.030	81.3	5 obs.[4]	27 2054*
5876	8.7	11 40 27.03	+3.1321	−0.0154	+27 43 1.8	−19.981	−0.030	74.3	196 199	27 2055
5877	9.0	40 40.72	3.1343	0.0163	28 53 11.1	19.983	0.030	86.0	86 1681 1682	28 2042
5878	9.2	40 46.61	3.1321	0.0157	28 8 1.6	19.984	0.029	78.7	453 643 646	28 2043
5879	7.6	40 49.87	3.1247	0.0136	25 7 9.9	19.984	0.029	76.8	292 375 376 651	25 2418
5880	8.5	40 50.45	3.1318	0.0157	28 5 32.6	19.984	0.029	78.8	371 446 453 1073	28 2044
5881	9.0	11 40 59.20	+3.1290	−0.0150	+27 6 30.5	−19.985	−0.029	78.3	454 648	27 2057
5882	7.5	41 26.73	3.1298	0.0156	28 2 5.4	19.989	0.028	84.0	977 1069 1071	28 2046
5883	9.3	41 30.57	3.1297	0.0156	28 5 37.3	19.989	0.028	81.8	6 obs.[5]	28 2047
5884	9.3	41 36.24	3.1222	0.0134	24 56 18.2	19.990	0.028	81.3	451 914 1075	25 2420
5885	6.9	41 56.07	3.1309	0.0164	29 6 42.8	19.992	0.027	76.0	74 290 650	29 2214
5886	6.8	11 42 6.79	+3.1313	−0.0166	+29 29 41.4	−19.993	−0.027	82.6	650 1069 1071	29 2216
5887	7.2	42 42.56	3.1277	0.0161	28 48 57.5	19.997	0.026	80.0	453 646 977	28 2048
5888	7.5	43 5.29	3.1296	0.0170	30 11 36.3	20.000	0.025	85.4	1181 1182 1183	*30 2194*
5889	7.8	44 15.33	3.1227	0.0159	28 47 29.4	20.007	0.022	78.8	566(2) 646 650	28 2050
5890	9.4	44 27.73	3.1201	0.0153	27 54 22.2	20.008	0.022	83.3	754 1272	28 2051
5891	9.4	11 44 39.43	+3.1173	−0.0144	+26 43 33.2	−20.009	−0.022	74.3	94 200 285	26 2259
5892	9.2	44 53.37	3.1152	0.0139	26 1 54.1	20.011	0.021	91.8	1628 1682	26 2260*
5893	9.5	44 54.92	3.1172	0.0146	27 2 26.9	20.011	0.021	74.3	196	— —
5894	9.5	44 56.76	3.1149	0.0139	25 53 18.7	20.011	0.021	73.3	87	25 2426*
5895	9.4	45 14.94	3 1214	0.0165	29 43 58.9	20.013	0.021	74.3	74 203 290	29 2222
5896	9.5	11 45 21.48	+3.1158	−0.0146	+27 3 38.9	−20.013	−0.020	74.3	196	27 2063*
5897	9.0	45 37.47	3.1138	0.0141	26 25 6.4	20.015	0.020	77.1	93 200 285 1182	26 2261
5898	9.0	45 55.57	3.1125	0.0139	26 8 16.6	20.016	0.019	75.7	94 378 452	26 2262
5899	9.4	46 8.95	3.1132	0.0144	26 52 40.4	20.018	0.019	80.6	567 644 648 1181	26 2263
5900	9.4	46 16.90	3.1110	0.0137	25 51 55.8	20.018	0.018	76.8	87 292 649 651	25 2428

[1] Z. 89 198 292 375 451
[2] » 90 290 455 756 1271
[3] Z. 88 289 379 652 1273
[4] » 196 199 454 1562 1563
[5] Z. 646 754 756 913 1072 1075

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5901	8.3	11h 46m 17s.41	+3s.1167	−0s.0159	+29° 6′ 13″.4	−20″.018	−0″.018	77.1	202 290 449 833	29° 2225
5902	8.3	46 18.63	3.1164	0.0158	28 53 13.7	20.018	0.018	75.8	6 obs.[1]	28 2052
5903	9.0	46 41.44	3.1156	0.0160	29 12 38.4	20.020	0.018	76.7	74 203 455 650(2)	29 2226
5904	9.2	46 41.96	3.1119	0.0145	27 6 4.1	20.020	0.018	84.3	289 454 1681 1682	27 2064*
5905	9.1	46 45.41	3.1104	0.0140	26 17 35.1	20.021	0.017	74.6	197 200 285	26 2265
5906	9.1	11 46 48.35	+3.1131	−0.0151	+28 0 8.7	−20.021	−0.017	77.3	195 379 643 647	28 2055
5907	9.0	46 50.37	3.1131	0.0152	28 5 6.9	20.021	0.017	77.7	371 453 652	28 2056
5908	8.8	47 5.28	3.1157	0.0165	30 1 3.9	20.022	0.017	85.3	1174 1176 1177	30 2200
5909	9.4	47 11.72	3.1105	0.0145	27 7 22.2	20.023	0.017	83.3	196 1683	27 2066*
5910	8.7	47 34.36	3.1119	0.0155	28 39 31.8	20.025	0.016	77.3	6 obs.[2]	28 2058
5911	9.3	11 47 36.59	+3.1081	−0.0140	+26 23 42.8	−20.025	−0.016	75.3	5 obs.[3]	26 2266
5912	9.2	47 39.90	3.1090	0.0145	27 5 35.1	20.025	0.016	75.7	5 obs.[4]	27 2068
5913	8.9	47 40.59	3.1063	0.0133	25 23 9.5	20.025	0.016	77.1	375 376 450 568	25 2430
5914	8.8	47 41.64	3.1063	0.0133	25 22 45.3	20.025	0.016	76.7	5 obs.[5]	
5915	9.1	48 17.16	3.1062	0.0140	26 29 2.6	20.028	0.014	84.3	366 1686	26 2267*
5916	9.5	11 48 24.18	+3.1081	−0.0149	+27 54 32.4	−20.029	−0.014	88.3	1274 1562	28 2060
5917	8.9	48 33.05	3.1055	0.0140	26 27 17.4	20.029	0.014	78.5	6 obs.[6]	26 2268
5918	9.0	48 48.77	3.1087	0.0159	29 12 58.0	20.030	0.013	76.0	6 obs.[7]	29 2229
5919	7.0	48 58.19	3.1040	0.0137	26 13 5.0	20.031	0.013	76.4	10 obs.	26 2270
5920	9.0	49 25.45	3.1067	0.0157	29 7 58.6	20.033	0.012	76.8	202 203 455 833	29 2231
5921	9.4	11 49 27.88	+3.1043	−0.0147	+27 37 28.1	−20.033	−0.012	74.6	196 201 289	27 2069
5922	8.6	49 34.21	3.1021	0.0137	26 11 23.3	20.033	0.012	75.5	5 obs.[8]	26 2271
5923	9.3	49 46.86	3.1055	0.0157	29 7 48.1	20.034	0.011	77.8	202 833	29 2233*
5924	7.0	49 48.57	3.1060	0.0160	29 33 14.1	20.034	0.011	76.5	6 obs.[9]	29 2234
5925	6.8	49 55.30	3.1027	0.0145	27 22 28.6	20.035	0.011	77.5	5 obs.[10]	27 2070
5926	9.0	11 50 2.51	+3.1002	−0.0133	+25 41 1.1	−20.035	−0.011	76.3	7 obs.	25 2436
5927	9.4	50 9.02	3.0994	0.0130	25 15 0.4	20.036	0.011	82.3	567 1271	25 2437
5928	9.1	50 22.61	3.0989	0.0131	25 24 35.1	20.037	0.010	76.8	376 451	25 2438
5929	8.4	50 46.11	3.1007	0.0147	27 51 19.6	20.038	0.009	75.7	201 289 456	27 2071
5930	9.2	50 47.75	3.0990	0.0138	26 31 4.6	20.038	0.009	74.6	93 94 197 457	26 2275
5931	8.8	11 50 51.95	+3.0974	−0.0130	+25 17 21.3	−20.038	−0.009	77.7	291 375 570 649(2)	25 2440
5932	7.5	50 59.35	3.0996	0.0144	27 27 46.5	20.039	0.009	78.1	201 644 647 652	27 2073
5933	8.8	51 1.58	3.1025	0.0162	29 58 11.6	20.039	0.009	75.3	202 203 290 449	30 2205
5934	7.7	51 9.11	3.1011	0.0157	29 15 2.9	20.039	0.009	76.3	74 290 455 650	29 2237
5935	9.5	51 9.56	3.1023	0.0163	30 10 38.9	20.039	0.009	85.4	1181 1182	*30 2206*
5936	9.3	11 51 18.95	+3.0975	−0.0137	+26 31 26.4	−20.040	−0.008	78.6	200 285 1272	26 2277
5937	8.8	51 28.23	3.0962	0.0132	25 39 43.3	20.040	0.008	76.3	87 450 567	25 2441
5938	7.8	51 37.76	3.0959	0.0132	25 50 1.6	20.041	0.008	77.7	5 obs.[11]	25 2442
5939	9.0	51 41.84	3.0950	0.0129	25 11 39.2	20.041	0.008	85.3	1174 1176 1177	25 2443
5940	8.8	51 45.98	3.0973	0.0144	27 36 27.2	20.041	0.008	80.5	5 obs.[12]	27 2075
5941	9.5	11 51 55.97	+3.0959	−0.0138	+26 40 3.3	−20.042	−0.007	77.3	285 457 651	26 2278
5942	8.2	52 0.98	3.0965	0.0144	27 31 58.1	20.042	0.007	80.7	456 648 1189	27 2076
5943	8.9	52 5.15	3.0968	0.0147	27 56 57.9	20.042	0.007	75.3	86 195 371 453	28 2064
5944	9.3	52 44.17	3.0924	0.0129	25 22 8.2	20.044	0.006	76.8	87 451 567 568	25 2444
5945	8.6	52 48.18	3.0959	0.0156	29 27 37.0	20.044	0.005	74.9	5 obs.[13]	29 2242
5946	8.2	11 52 48.59	+3.0921	−0.0128	+25 19 25.2	−20.044	−0.005	76.8	6 obs.[14]	25 2445
5947	8.2	52 55.01	3.0941	0.0145	27 48 39.2	20.045	0.005	76.3	201 289 456 644	27 2080
5948	9.5	53 21.35	3.0929	0.0146	28 4 49.5	20.046	0.004	80.1	195 566 647 1453	28 2067
5949	9.1	53 24.72	3.0938	0.0155	29 15 54.8	20.046	0.004	75.8	203 455	29 2243
5950	9.0	53 33.01	3.0929	0.0151	28 49 3.2	20.046	0.004	75.8	86 371 379 453	28 2068

[1] Z. 86 195 371 379 446(2)
[2] » 195 371 453 566(2) 647
[3] » 94 197 200 285 648
[4] » 196 201 289 454 456
[5] » 292 375 376 450 568
[6] Z. 93 285 366 378 457 1684
[7] » 74 202 203 449 455 650
[8] » 94 197 200 378 648
[9] » 74 203 290 566(2) 650
[10] » 196 454 456 644 647
[11] Z. 375 376 568 570 653
[12] » 196 289 454 1273 1522
[13] » 74 202 203 290 449
[14] » 87 292 377 567 570 649

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
5951	8.6	11h 53m 42.85	+3.0908	−0.0136	+26° 44′ 26.9	−20.047	−0.004	74.7	5 obs.[1]	26° 2282
5952	9.1	53 48.02	3.0909	0.0140	27 18 50.8	20.047	0.003	75.7	5 obs.[2]	27 2082
5953	7.8	54 22.37	3.0911	0.0158	29 53 2.9	20.048	0.002	76.0	74 202 449 650	29 2245
5954	9.0	54 27.40	3.0880	0.0132	26 4 39.5	20.048	0.002	74.6	94 197 366	26 2285
5955	8.6	54 40.15	3.0893	0.0149	28 39 32.7	20.049	0.002	75.5	5 obs.[3]	28 2069
5956	7.6	11 54 53.11	+3.0860	−0.0123	+24 54 48.8	−20.049	−0.001	77.0	9 obs.	25 2448
5957	8.4	54 59.04	3.0867	0.0134	26 24 43.8	20.049	−0.001	75.3	200 285 366	26 2286
5958	7.8	55 19.35	3.0882	0.0159	30 14 44.6	20.050	0.000	85.3	1174 1176 1177	*30 2212*
5959	9.5	55 38.61	3.0856	0.0141	27 44 12.7	20.051	0.000	83.3	196 1682	— —
5960	9.0	55 57.32	3.0858	0.0156	29 52 6.0	20.051	+0.001	75.3	202 203 290 449	29 2247
5961	9.5	11 56 0.29	+3.0852	−0.0150	+29 4 6.6	−20.051	+0.001	78.7	455 566 757	29 2248
5962	7.0	56 18.41	3.0824	0.0124	25 8 47.7	20.052	0.002	76.1	87 375 376 570	25 2449
5963	7.5	56 22.23	3.0824	0.0127	25 31 58.0	20.052	0.002	77.3	375 376 451 653	25 2450
5964	7.7	56 22.30	3.0826	0.0130	26 1 22.2	20.052	0.002	75.2	6 obs.[4]	26 2288
5965	9.1	56 30.13	3.0817	0.0122	24 52 22 3	20.052	0.002	79.1	292 451 567 1179	24 2420
5966	8.8	11 56 31.87	+3.0829	−0.0141	+27 42 11.2	−20.052	+0.002	78.1	196 201 454 1271	27 2087
5967	9.5	56 34.49	3.0825	0.0138	27 10 15.0	20.052	0.002	80.1	289 456 647 1453	27 2088
5968	8.0	56 54.39	3.0826	0.0155	29 49 1.2	20.052	0.003	74.9	5 obs.[5]	29 2251
5969	9.5	57 0.07	3.0810	0.0132	26 29 29.5	20.053	0.003	74.8	197 285	26 2290
5970	9.4	57 3.93	3.0803	0.0125	25 21 14.7	20.053	0.003	82.3	568 757 1180 1182	25 2452
5971	8.8	11 57 20.87	+3.0797	−0.0128	+25 48 9.7	−20.053	+0.004	78.1	87 375 376 1273	25 2453
5972	9.5	57 21.65	3.0799	0.0132	26 29 15.2	20.053	0.004	77.6	94 457 567 833	26 2293
5973	9.4	57 31.06	3.0803	0.0147	28 47 22.1	20.053	0.004	74.6	86 195 371	28 2073
5974	7.3	57 38.42	3.0789	0.0126	25 38 3.8	20.053	0.004	78.1	377 568 570 653	25 2454
5975	8.4	57 41.51	3.0797	0.0147	28 45 24.5	20.053	0.005	76.3	7 obs.[6]	28 2074
5976	7.8	11 57 48.61	+3.0781	−0.0121	+24 48 57.3	−20.053	+0.005	76.1	87 292 376 649	24 2422
5977	9.5	57 59.84	3.0784	0.0141	27 52 57.8	20.053	0.005	79.0	196 456 1182	27 2091
5978	9.5	58 36.01	3.0766	0.0142	28 4 28.5	20.054	0.006	80.0	195 647 1271	28 2075
5979	9.3	58 50.91	3.0756	0.0129	26 17 48.4	20.054	0.007	78.3	5 obs.[7]	26 2297
5980	9.5	59 3.88	3.0749	0.0127	25 59 52.3	20.054	0.007	80.0	285 651 1181	26 2298
5981	7.8	11 59 7.45	+3.0751	−0.0149	+29 12 5.4	−20.054	+0.007	74.8	74 202 203 455	29 2252
5982	8.6	59 10.49	3.0747	0.0134	27 3 24.4	20.054	0.007	74.6	196 201 289	27 2092
5983	8.0	59 13.67	3.0747	0.0148	28 59 38.4	20.054	0.007	76.4	381 382	29 2253
5984	9.5	59 24.71	3.0739	0.0123	25 25 26.4	20.054	0.008	93.3	1799 1800	25 2457
5985	8.7	59 31.87	3.0736	0.0134	27 9 52.6	20.054	0.008	76.7	289 454 456	27 2093
5986	8.9	11 59 32.03	+3.0737	−0.0136	+27 21 54.4	−20.054	+0.008	75.3	196 201 454	27 2094
5987	8.9	59 32.75	3.0737	0.0152	29 40 43.8	20.054	0.008	74.0	74 202 203	29 2254
5988	8.9	59 32.98	3.0736	0.0130	26 21 52.7	20.054	0.008	76.3	94 378 649	26 2299
5989	8.2	59 42.66	3.0731	0.0130	26 28 2.4	20.054	0.008	79.8	378 457 648 1274	26 2300
5990	9.1	59 45.55	3.0730	0.0142	28 14 39.0	20.054	0.008	81.4	835 836	28 2077
5991	9.3	12 0 23.87	+3.0710	−0.0130	+26 37 35.2	−20.054	+0.010	83.8	285 1685	26 2303*
5992	9.1	0 36.31	3.0703	0.0143	28 29 32.5	20.054	0.010	80.6	7 obs.	28 2079
5993	9.4	1 13.65	3.0686	0.0129	26 35 43.8	20.054	0.011	74.6	94 197 366	26 2304
5994	9.5	1 17.72	3.0688	0.0117	24 44 42.7	20.054	0.011	79.7	568 651 833	24 2427*
5995	9.5	1 26.17	3.0678	0.0139	28 0 53.5	20.054	0.011	73.8	86 195	28 2081*
5996	9.1	12 1 26.62	+3.0682	−0.0126	+26 1 53.5	−20.054	+0.011	83.3	200 1683	26 2305*
5997	8.3	1 38.11	3.0676	0.0125	26 4 29.0	20.054	0.012	77.3	5 obs.[8]	26 2307
5998	8.9	2 3.38	3.0657	0.0143	28 40 47.5	20.053	0.012	93.3	1797 1798	28 2082
5999	8.8	2 8.46	3.0654	0.0144	28 51 59.6	20.053	0.012	81.4	835 836 837	28 2083
6000	8.6	2 9.91	3.0662	0.0122	25 29 46.0	20.053	0.012	76.2	6 obs.[9]	25 2465

[1] Z. 93 94 197 285 457
[2] » 196 201 289 454 456
[3] » 86 195 371 379 453
[4] Z. 94 197 200 285 378 457
[5] » 74 202 203 290 455
[6] » 86 195 371 379 453 566(2)
[7] Z. 94 197 366 648 1453
[8] » 197 200 285 378 1273
[9] » 87 292 375 376 450 570

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6001	7.0	12h 2m 14s.59	+3s.0656	−0s.0132	+27° 11′ 25″.7	−20″.053	+0″.012	77.5	8 obs.[1]	27° 2100
6002	9.5	2 32.05	3.0649	0.0128	26 39 8.0	20.053	0.013	75.1	94 197 285 457	26 2309
6003	8.9	2 34.70	3.0651	0.0121	25 23 49.3	20.053	0.013	76.8	97 375 567 651	25 2466
6004	9.5	3 0.81	3.0635	0.0128	26 38 48.4	20.053	0.014	75.8	200 457	26 2310
6005	8.8	3 6.08	3.0623	0.0143	28 54 4.6	20.052	0.014	80.8	7 obs.	29 2258
6006	9.4	12 3 16.97	+3.0633	−0.0118	+24 57 48.0	−20.052	+0.015	85.3	569 1685	— —
6007	8.9	3 29.45	3.0607	0.0148	29 37 27.1	20.052	0.015	78.3	202 646 837	29 2259
6008	9.4	3 35.21	3.0603	0.0148	29 35 44.0	20.052	0.015	76.5	5 obs.[2]	29 2260
6009	8.9	3 40.24	3.0610	0.0134	27 44 33.8	20.052	0.015	75.3	197 201 289 454	27 2102
6010	8.5	3 44.62	3.0621	0.0117	24 57 22.7	20.052	0.015	81.5	11 obs.	25 2468
6011	8.6	12 3 46.86	+3.0611	−0.0127	+26 35 28.1	−20.052	+0.016	76.3	94 197 285 648(2)	26 2311
6012	9.1	3 56.24	3.0610	0.0122	25 55 29.1	20.051	0.016	76.7	366 378 457	26 2312
6013	9.4	3 59.96	3.0610	0.0122	25 46 29.5	20.051	0.016	77.0	87 567 651	25 2469
6014	8.8	4 3.14	3.0608	0.0123	26 1 39.9	20.051	0.016	78.9	5 obs.[3]	26 2313
6015	7.2	4 7.04	3.0585	0.0148	29 45 49.9	20.051	0.016	78.5	5 obs.[4]	29 2263
6016	5.9	12 4 25.02	+3.0586	−0.0136	+27 58 38.2	−20.050	+0.017	79.3	11 obs.	28 2084
6017	8.5	4 42.75	3.0594	0.0116	25 0 54.6	20.050	0.017	80.0	8 obs.	25 2470
6018	8.9	4 46.32	3.0583	0.0127	26 41 8.6	20.050	0.018	74.9	94 285 366	26 2314
6019	9.0	4 53.09	3.0559	0.0148	29 48 14.7	20.050	0.018	75.0	74 203 455	29 2264
6020	7.6	4 54.82	3.0586	0.0119	25 26 59.3	20.050	0.018	77.2	7 obs.[5]	25 2471
6021	9.0	12 5 14.65	+3.0577	−0.0119	+25 28 57.7	−20.049	+0.018	76.2	7 obs.	25 2472
6022	8.6	5 15.17	3.0570	0.0125	26 25 51.2	20.049	0.019	75.0	197 200 378	26 2315
6023	5.7	5 30.61	3.0562	0.0126	26 33 59.2	20.048	0.019	79.3	285 457 567 1277	26 2316
6024	6.7	5 39.75	3.0538	0.0143	29 14 2.8	20.048	0.019	75.3	202 203 381 382	29 2265
6025	9.5	5 50.30	3.0539	0.0136	28 18 52.1	20.048	0.020	80.3	195 757 1273	28 2086
6026	9.2	12 5 55.16	+3.0549	−0.0126	+26 43 23.3	−20.048	+0.020	79.6	94 645 648 1275	26 2317
6027	9.0	6 4.36	3.0548	0.0124	26 16 10.6	20.047	0.020	76.3	94 200 366 834	26 2318
6028	7.8	6 4.46	3.0534	0.0135	28 4 32.7	20.047	0.020	78.3	5 obs.[6]	28 2087
6029	9.5	6 11.94	3.0522	0.0141	29 4 41.0	20.047	0.020	76.6	74 455 646	29 2266
6030	8.5	6 32.12	3.0518	0.0135	28 15 19.8	20.046	0.021	76.0	195 379 453	28 2089
6031	7.9	12 6 43.06	+3.0503	−0.0142	+29 19 48.3	−20.046	+0.021	76.5	5 obs.[7]	29 2267
6032	8.9	6 59.99	3.0487	0.0147	29 57 7.5	20.045	0.022	79.3	74 757 758 977	30 2241
6033	9.0	7 11.02	3.0502	0.0131	27 44 18.4	20.044	0.022	93.3	1797 1798	27 2103
6034	8.5	7 32.98	3.0480	0.0139	28 59 24.1	20.043	0.023	78.1	381 455 646 650	29 2268
6035	7.3	7 57.99	3.0484	0.0127	27 12 2.1	20.042	0.024	78.1	10 obs.	27 2105
6036	9.4	12 7 58.74	+3.0468	−0.0136	+28 33 44.3	−20.042	+0.024	77.7	195 453 836	28 2090
6037	9.3	8 1.28	3.0469	0.0136	28 30 50.4	20.042	0.024	78.1	5 obs.[8]	28 2091
6038	8.5	8 32.54	3.0443	0.0141	29 19 32.2	20.040	0.025	75.3	6 obs.[9]	29 2269
6039	9.5	8 53.30	3.0470	0.0118	25 53 43.1	20.039	0.026	79.3	568 570 833	25 2477*
6040	9.1	9 21.46	3.0425	0.0135	28 35 29.4	20.038	0.027	76.8	195 371 453 652	28 2094
6041	8.7	12 9 26.70	+3.0442	−0.0125	+26 59 27.2	−20.037	+0.027	78.5	10 obs.	27 2108
6042	9.0	9 30.87	3.0409	0.0141	29 29 37.4	20.037	0.027	77.8	202 203 382 1275	29 2271
6043	8.2	9 43.69	3.0411	0.0135	28 44 37.6	20.036	0.027	75.8	86 195 379 652	28 2095
6044	7.3	9 49.03	3.0438	0.0121	26 27 19.2	20.036	0.028	77.8	12 obs.	26 2321
6045	8.9	9 56.63	3.0394	0.0141	29 31 59.8	20.035	0.028	78.7	6 obs.[10]	29 2272
6046	9.3	12 10 14.41	+3.0440	−0.0114	+25 18 16.6	−20.034	+0.028	73.3	87 97	25 2478*
6047	9.1	10 16.86	3.0399	0.0133	28 20 53.7	20.034	0.029	75.5	5 obs.[11]	28 2096
6048	9.5	10 21.19	3.0410	0.0126	27 19 45.8	20.034	0.029	74.3	196	— —
6049	9.5	10 28.47	3.0411	0.0124	26 57 16.7	20.033	0.029	73.3	96	27 2111*
6050	8.3	10 37.81	3.0387	0.0133	28 26 4.5	20.033	0.029	80.0	195 647 1276	28 2097

[1] Z. 196 201 289 454(2) 456(2) 1271
[2] » 74 202 455 566 646
[3] » 200 378 567 645 1274
[4] » 203 381 382 650 1272
[5] Z. 87 97 375 649(2) 651 653
[6] » 86 371 379 652 1274
[7] » 202 203 381 382 836
[8] » 371 379 647 650 652
[9] Z. 74 202 203 381 382 455
[10] » 381 382 455 646 834 836
[11] » 86 204 371 379 453

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
6051	8.4	12h 10m 51s.55	+3s.0422	−0s.0113	+25° 19′ 15″.4	−20″.032	+0″.030	76.8	10 obs.	25° 2481
6052	8.5	11 1.38	3.0361	0.0139	29 25 12.9	20.031	0.030	75.6	202 203 382 455	29 2274
6053	5.9	11 12.68	3.0351	0.0140	29 37 50.2	20.030	0.030	78.3	6 obs.[1]	29 2275
6054	8.7	11 28.93	3.0399	0.0116	25 44 57.3	20.029	0.031	76.8	292 375 376 653	25 2482
6055	8.1	11 32.14	3.0391	0.0118	26 15 58.1	20.029	0.031	75.5	6 obs.[2]	26 2323
6056	7.5	12 11 53.23	+3.0355	−0.0129	+27 59 40.2	−20.027	+0.032	79.0	8 obs.	28 2100
6057	9.5	11 56.88	3.0348	0.0130	28 12 47.1	20.027	0.032	76.0	195 204 646	28 2101
6058	7.5	12 22.88	3.0356	0.0121	26 52 58.1	20.025	0.033	77.2	6 obs.[3]	26 2324
6059	8.8	12 31.14	3.0382	0.0109	24 59 10.5	20.024	0.033	76.6	87 376 569 570	25 2485
6060	8.4	12 43.02	3.0368	0.0112	25 32 26.3	20.023	0.033	79.1	97 567 834 835 836	25 2486
6061	6.8	12 12 43.81	+3.0349	−0.0120	+26 42 10.5	−20.023	+0.033	78.0	6 obs.[4]	26 2326
6062	9.0	12 44.94	3.0315	0.0132	28 44 46.3	20.023	0.033	77.6	204 453 650 652	28 2103
6063	7.5	12 57.20	3.0358	0.0114	25 45 18.2	20.022	0.034	77.9	5 obs.[5]	25 2487
6064	9.2	13 3.45	3.0307	0.0132	28 37 10.4	20.022	0.034	84.3	371 1684	28 2105*
6065	8.9	13 9.84	3.0365	0.0109	24 58 43.6	20.021	0.034	76.2	6 obs.[6]	25 2488
6066	9.5	12 13 12.37	+3.0325	−0.0124	+27 18 28.9	−20.021	+0.034	74.3	196	— —
6067	6.5	13 13.82	3.0298	0.0133	28 51 19.5	20.021	0.034	76.7	5 obs.[7]	28 2106
6068	7.0	13 33.32	3.0281	0.0134	29 9 32.1	20.019	0.034	76.1	7 obs.[8]	29 2280
6069	9.3	13 48.54	3.0283	0.0131	28 36 6.6	20.018	0.035	84.1	5 obs.[9]	28 2107
6070	6.6	14 1.05	3.0313	0.0119	26 41 42.6	20.017	0.036	76.3	6 obs.[10]	26 2329
6071	5.1	12 14 2.52	+3.0300	−0.0123	+27 19 1.5	−20.017	+0.036	77.3	7 obs.[11]	27 2114
6072	6.1	14 23.15	3.0281	0.0125	27 45 4.5	20.015	0.036	78.3	201 372 834 835	27 2115
6073	6.2	14 23.87	3.0281	0.0125	27 45 8.2	20.015	0.036	80.3	201 835 1177	
6074	8.9	14 27.92	3.0303	0.0117	26 27 35.8	20.014	0.036	76.9	378 457	26 2330
6075	8.6	14 29.12	3.0331	0.0108	24 54 39.4	20.014	0.036	79.3	7 obs.	25 2492
6076	8.8	12 14 31.67	+3.0332	−0.0107	+24 47 50.9	−20.014	+0.037	80.1	450 567 570 1275	24 2448
6077	8.3	14 35.55	3.0296	0.0118	26 37 13.6	20.014	0.037	77.3	200 366 836	26 2331
6078	8.3	14 47.43	3.0295	0.0117	26 24 53.1	20.012	0.037	75.1	5 obs.[12]	26 2332
6079	7.3	14 47.52	3.0307	0.0112	25 43 14.9	20.012	0.037	80.4	5 obs.[13]	25 2493
6080	9.5	15 5.17	3.0297	0.0113	25 47 53.7	20.011	0.037	79.8	570 833	25 2494
6081	7.5	12 15 9.06	+3.0298	−0.0112	+25 41 27.9	−20.010	+0.037	77.7	376 567 568	25 2495
6082	8.6	15 14.96	3.0304	0.0109	25 12 20.0	20.010	0.037	81.3	5 obs.[14]	25 2496
6083	8.1	15 27.19	3.0257	0.0121	27 18 6.4	20.009	0.038	75.1	96 196 289 456	27 2116
6084	8.9	15 32.05	3.0257	0.0121	27 14 34.5	20.008	0.038	75.8	7 obs.	27 2117
6085	8.5	15 39.39	3.0238	0.0125	28 0 12.3	20.007	0.038	77.7	11 obs.	28 2109
6086	9.0	12 15 40.40	+3.0269	−0.0116	+26 22 46.4	−20.007	+0.038	80.1	200 383 457 1684	26 2336
6087	9.4	15 47.80	3.0278	0.0112	25 47 58.8	20.007	0.039	80.8	450 833 836 977	25 2497
6088	6.8	15 53.71	3.0281	0.0110	25 28 3.6	20.006	0.039	74.3	87 97 377	25 2498
6089	5.0	16 13.22	3.0251	0.0116	26 32 22.7	20.004	0.039	80.0	197 644 1272	26 2337
6090	8.7	16 14.37	3.0251	0.0116	26 31 20.5	20.004	0.039	77.3	94 644 648	26 2338
6091	7.8	12 16 17.86	+3.0231	−0.0121	+27 18 56.6	−20.004	+0.040	78.4	454 654	27 2118
6092	8.1	16 22.68	3.0218	0.0123	27 49 36.2	20.003	0.040	79.7	372 456 1177	27 2119
6093	9.0	16 23.73	3.0249	0.0115	26 21 52.5	20.003	0.040	84.3	378 1681	— —
6094	9.1	16 24.82	3.0246	0.0116	26 30 1.6	20.003	0.040	85.8	648 1686	26 2339*
6095	8.6	16 51.62	3.0232	0.0115	26 32 42.1	20.000	0.041	78.7	383 567 836	26 2340
6096	7.1	17 12.53	+3.0248	−0.0108	+25 17 12.8	−19.998	+0.041	77.8	9 obs.	25 2501
6097	8.8	17 13.30	3.0206	0.0119	27 15 31.2	19.998	0.041	78.9	5 obs.[15]	27 2120
6098	8.6	17 24.92	3.0191	0.0122	27 40 24.1	19.996	0.042	79.3	201 454 1276	27 2122
6099	9.0	17 25.62	3.0199	0.0119	27 17 40.7	19.996	0.042	85.8	647 1688	27 2121
6100	7.1	17 46.97	3.0204	0.0114	26 32 40.6	19.994	0.043	78.3	197 200 567 1277	26 2343

[1] Z. 202 203 381 650(2) 1272
[2] » 94 197 285 366 378 457
[3] » 94 197 285 378 457 1273
[4] » 94 197 285 645(2) 1277
[5] » 377 450 568 569 651
[6] Z. 87 97 375 376 570 653
[7] » 86 91 195 379 1276
[8] » 202 203 380 381 382 455(2)
[9] » 453 647 652 1681 1683
[10] » 94 197 285 366 648(2)
[11] Z. 96 196 289 454 456(2) 1272
[12] » 94 197 200 378 457
[13] » 568 569 651 653 1277
[14] » 375 569 651 1273 1276
[15] » 96 196 289 652 1687

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6101	9.1	12h 17m 56.98	+3.0140	−0.0130	+29° 5′ 59.4	−19.993	+0.043	75.7	5 obs.[1]	29° 2284
6102	5.3	18 2.16	3.0192	0.0116	26 47 30.3	19.992	0.043	78.6	200 378 457 1272	26 2344
6103	9.1	18 9.61	3.0156	0.0124	28 10 2.1	19.991	0.043	75.3	6 obs.[2]	28 2111
6104	6.3	18 10.24	3.0199	0.0113	26 16 33.3	19.991	0.043	76.4	378 383	26 2345
6105	8.3	18 46.06	3.0184	0.0112	26 15 13.1	19.987	0.045	78.0	6 obs.[3]	26 2347
6106	9.1	12 19 16.58	+3.0130	−0.0121	+27 49 11.0	−19.983	+0.046	77.2	6 obs.[4]	27 2127
6107	9.4	19 17.79	3.0130	0.0121	27 47 1.6	19.983	0.046	77.1	196 289 456 836	27 2128
6108	9.3	19 36.04	3.0149	0.0113	26 39 1.8	19.981	0.046	75.8	285 374	26 2349*
6109	8.7	19 36.41	3.0129	0.0118	27 28 9.6	19.981	0.046	76.7	201 372 647	27 2129
6110	8.5	19 43.89	3.0152	0.0112	26 22 28.3	19.980	0.046	78.1	378 457 645 (2)	26 2350
6111	9.2	12 19 50.14	+3.0122	−0.0118	+27 26 12.5	−19.979	+0.047	85.7	1182 1183 1273	27 2130*
6112	8.9	19 50.74	3.0057	0.0133	29 55 5.8	19.979	0.047	93.3	1797 1798	30 2269
6113	9.3	19 59.51	3.0182	0.0103	24 52 12.4	19.978	0.047	88.8	1181 1684	24 2459*
6114	9.3	20 4.61	3.0099	0.0121	28 4 49.9	19.977	0.047	75.0	91 195 453	28 2114
6115	5.1	20 8.94	3.0100	0.0121	27 57 39.1	19.977	0.047	80.5	6 obs.[5]	28 2115
6116	8.9	12 20 31.35	+3.0118	−0.0113	+26 50 35.2	−19.974	+0.048	77.7	197 648 651	26 2351
6117	8.7	20 32.67	3.0099	0.0117	27 31 5.0	19.974	0.048	84.8	454 1687	27 2133
6118	4.8	20 42.37	3.0055	0.0127	28 57 48.6	19.972	0 048	75.3	202 203 380 382	29 2288
6119	5.1	20 44.23	3.0094	0.0117	27 31 5.3	19.972	0.049	79.0	7 obs.	27 2134
6120	8.0	20 57.86	3.0081	0.0118	27 43 32.9	19.970	0.049	73.3	96	
6121	8.2	12 20 58.11	+3.0081	−0.0118	+27 43 28.6	−19.970	+0.049	88.4	1185 1186 1568 1685	27 2135
6122	9.0	20 59.48	3.0137	0.0106	25 34 39.7	19.970	0.049	75.8	87 376 377 450	25 2506*
6123	9.3	21 6.15	3.0073	0.0119	27 51 39.5	19.969	0.049	78.7	372 652 757	27 2136
6124	8.0	21 11.81	3.0137	0.0104	25 20 57.2	19.968	0.049	91.4	1628 1629 1630	25 2507
6125	7.8	21 18.42	3.0040	0.0125	28 48 6.4	19.968	0.049	77.0	204 453 650	28 2116
6126	8.6	12 21 19.08	+3.0146	−0.0102	+24 55 10.8	−19.968	+0.050	88.8	1183 1686	25 2508
6127	6.5	21 23.17	3.0099	0.0111	26 36 15.3	19.967	0.050	77.8	378 651	26 2352
6128	8.2	21 31.93	3.0053	0.0120	28 6 54.9	19.966	0.050	93.3	1797 1798	28 2118
6129	9.1	21 34.08	3.0029	0.0126	28 53 12.5	19.965	0.050	77.9	381 650	29 2290
6130	8.3	21 58.52	3.0105	0.0106	25 43 35.6	19.962	0.051	82.3	651 977 1077	25 2510
6131	6.5	12 22 23.54	+3.0060	−0.0112	+26 55 8.5	−19.959	+0.051	83.3	454 1274 1275	27 2138[6]
6132	7.2	22 29.79	3.0067	0.0110	26 35 30.1	19.958	0.051	84.1	977 1072 1073 1074	26 2353
6133	6.3	22 39.98	3.0062	0.0110	26 36 18.5	19.956	0.052	85.1	5 obs.[7]	26 2354
6134	8.4	22 43.12	2.9973	0.0129	29 34 40.0	19.956	0.051	82.4	381 1078 1079 1080	29 2292
6135	9.0	22 55.14	2.9983	0.0125	28 59 10.0	19.954	0.052	77.9	381 650	29 2293
6136	5.7	12 23 11.81	+3.0099	−0.0100	+24 48 1.7	−19.952	+0.053	84.3	1073 1075 1080	24 2464
6137	9.0	23 25.94	3.0081	0.0102	25 12 45.0	19.949	0.053	93.3	1797 1798	25 2511
6138	9.3	23 26.19	3.0068	0.0104	25 37 54.9	19.949	0.053	86.3	757 1685	25 2512
6139	7.7	23 40.86	3.0078	0.0100	25 1 51.2	19.947	0.054	82.7	651 1075 1081	25 2513
6140	8.3	23 43.49	3.0025	0.0110	26 48 43.5	19.947	0 053	81.0	645 (2) 1078	26 2356
6141	8.3	12 23 44.94	+3.0071	−0.0101	+25 14 22.5	−19.947	+0.054	89.0	1077 1629 1630	25 2514
6142	9.0	23 57.90	2.9946	0.0125	29 5 54.4	19.945	0.054	87.4	1275 1456	29 2294
6143	8.9	24 1.13	2.9971	0.0119	28 15 2.0	19.944	0.054	78.3	453 650	28 2123
6144	9.1	24 24.48	2.9976	0.0115	27 44 42.9	19.941	0.055	78.3	454 652	27 2140
6145	5.3	24 45.95	3.0042	0.0101	25 15 31.0	19.937	0.056	82.8	651 977 1072 1080	25 2517
6146	8.4	12 24 49.93	+2.9940	−0.0119	+28 25 15.8	−19.937	+0.056	76.0	195 379 453	28 2125
6147	8.9	25 12.56	2.9972	0.0111	27 6 20.4	19.933	0.056	79.0	201 454 1183	27 2142
6148	8.9	25 18.60	3.0026	0.0101	25 18 43.1	19.932	0.057	75.3	87 375 377	25 2518
6149	8.4	25 20.00	2.9946	0.0115	27 45 24.0	19.932	0.057	81.8	6 obs.[8]	27 2143
6150	8.1	25 20.12	2.9986	0.0108	26 33 40.6	19.932	0.057	75.6	197 285 378 383	26 2359

[1] Z. 202 203 381 382 455
[2] » 91 195 204 371 379 453
[3] » 94 197 285 648 651 1275
[4] Z. 96 289 372 454 652 836
[5] » 86 195 379 1177 1184 1456
[6] BD α 1m too small
[7] Z. 977 1072 1074 1183 1455
[8] » 196 652 1073 1074 1079 1081

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6151	9.0	12h 25m 24.28	+2.9898	−0.0123	+29° 7′ 53.9	−19.931	+0.057	80.4	382 1078	29° 2296
6152	9.5	25 24.39	2.9889	0.0125	29 24 23.3	19.931	0.057	85.3	455 1798	29 2295
6153	8.8	25 30.52	2.9943	0.0114	27 42 27.8	19.930	0.057	83.0	652 1075 1185	27 2144
6154	9.2	25 37.07	2.9907	0.0121	28 40 9.4	19.929	0.057	82.3	650 1181	28 2126
6155	7.3	25 38.48	2.9861	0.0128	30 0 17.6	19.929	0.057	81.4	381 980 1077	30 2287
6156	9.0	12 26 1.86	+2.9959	−0.0108	+26 39 42.6	−19.925	+0.058	74.3	94 197 285	26 2360
6157	8.6	26 7.73	2.9932	0.0112	27 28 22.8	19.924	0.058	74.3	96 201 289	27 2145
6158	8.8	26 15.71	2.9883	0.0121	28 46 44.5	19.923	0.059	74.3	86 91 195 379	28 2128
6159	8.5	26 39.41	2.9889	0.0117	28 14 36.0	19.919	0.059	79.8	453 650 833 834	28 2129
6160	8.8	26 48.11	2.9939	0.0107	26 39 24.1	19.917	0.060	75.1	94 197 374 378	26 2361
6161	9.4	12 27 2.96	+2.9821	−0.0126	+29 47 14.0	−19.915	+0.060	78.8	455 757	29 2297
6162	9.5	27 15.16	2.9876	0.0115	28 4 55.4	19.913	0.061	73.3	86	28 2132*
6163	7.5	27 18.41	2.9977	0.0097	25 8 19.5	19.912	0.061	75.3	87 97 651	25 2522
6164	6.3	27 20.32	2.9981	0.0097	24 58 22.9	19.912	0.061	82.3	377 1180 1181	25 2523
6165	8.4	27 25.03	2.9847	0.0119	28 46 15.5	19.911	0.061	74.7	91 195 379	28 2133
6166	9.0	12 27 39.75	+2.9882	−0.0111	+27 33 2.2	−19.908	+0.061	75.3	5 obs.[1]	27 2147
6167	9.0	27 46.62	2.9879	0.0111	27 31 46.5	19.907	0.062	74.8	96 196 289 372	27 2149
6168	8.5	28 8.11	2.9889	0.0108	26 58 51.1	19.903	0.062	79.0	201 652 977	27 2150
6169	9.0	28 10.60	2.9813	0.0120	29 0 49.5	19.903	0.062	79.7	381 455 1183	29 2300
6170	7.7	28 32.36	2.9951	0.0096	24 54 49.5	19.899	0.063	76.3	87 377 651	25 2526
6171	9.2	12 28 35.53	+2.9855	−0.0110	+27 31 6.7	−19.898	+0.063	77.3	96 201 1074	27 2151
6172	7.7	28 37.01	2.9770	0.0124	29 46 36.3	19.898	0.063	82.4	381 1182 1184	29 2301
6173	7.8	28 40.02	2.9938	0.0097	25 12 15.4	19.898	0.063	76.3	87 376 651	25 2528
6174	8.5	28 42.50	2.9829	0.0114	28 8 42.4	19.897	0.063	76.0	195 379 453	28 2134
6175	7.6	29 16.53	2.9758	0.0122	29 31 44.0	19.891	0.063	79.0	381 455 977	29 2303
6176	8.8	12 29 44.34	+2.9748	−0.0121	+29 23 0.3	−19.886	+0.064	83.3	650 1072 1073 1186	29 2305
6177	7.8	29 49.24	2.9872	0.0100	26 6 49.8	19.885	0.065	79.8	81 374 1072 1181	26 2369
6178	9.1	29 53.84	2.9867	0.0101	26 11 52.7	19.884	0.065	82.9	5 obs.[2]	26 2370
6179	8.7	30 27.51	2.9840	0.0103	26 28 58.6	19.877	0.066	75.3	5 obs.[3]	26 2372
6180	9.5	31 11.35	2.9847	0.0098	25 45 20.6	19.869	0.067	73.3	87	25 2534*
6181	9.1	12 31 20.34	+2.9716	−0.0116	+28 54 49.5	−19.867	+0.068	75.7	202 381 382	29 2306
6182	8.1	31 28.16	2.9695	0.0118	29 19 5.9	19.865	0.068	79.4	381 455 758 977	29 2307
6183	9.0	31 41.78	2.9803	0.0101	26 29 38.9	19.863	0.068	82.8	97 1684	26 2373*
6184	9.2	31 46.90	2.9775	0.0105	27 8 48.1	19.862	0.069	84.8	456 1685	27 2153*
6185	9.1	32 3.75	2.9770	0.0104	27 2 44.0	19.858	0.069	74.7	96 196 372	27 2154
6186	9.0	12 32 11.50	+2.9767	−0.0104	+27 1 8.1	−19.857	+0.069	74.7	96 196 372	27 2155
6187	8.5	32 21.51	2.9668	0.0117	29 15 38.0	19.855	0.070	79.5	6 obs.[4]	29 2308
6188	9.4	32 26.49	2.9812	0.0097	25 46 15.6	19.854	0.070	76.3	87 450 567	25 2536*
6189	9.3	32 28.23	2.9632	0.0122	30 0 38.4	19.853	0.070	93.3	1797 1798	30 2309
6190	9.1	32 30.29	2.9648	0.0119	29 37 35.2	19.853	0.070	80.8	646 833 834 835	29 2309
6191	9.0	12 32 36.34	+2.9739	−0.0106	+27 26 23.7	−19.852	+0.070	78.3	201 289 454 1277	27 2156
6192	8.5	32 40.76	2.9834	0.0093	25 5 16.5	19.851	0.070	77.1	8 obs.	25 2538
6193	9.5	32 55.60	2.9827	0.0092	25 3 50.8	19.848	0.071	73.4	97	25 2539*
6194	8.7	33 4.08	2.9616	0.0121	29 55 49.0	19.846	0.071	76.7	202 382 646	30 2310
6195	9.0	33 42.76	2.9716	0.0104	27 11 19.4	19.838	0.072	78.3	5 obs.[5]	27 2157
6196	8.7	12 33 53.89	+2.9776	−0.0095	+25 40 31.6	−19.835	+0.073	77.3	207 567 568 570	25 2544
6197	8.7	33 54.69	2.9790	0.0093	25 20 8.3	19.835	0.073	76.9	5 obs.[6]	25 2543
6198	9.3	33 57.44	2.9646	0.0112	28 35 50.6	19.835	0.072	74.3	86 91 204 379	28 2141
6199	9.3	34 4.31	2.9629	0.0113	28 54 30.9	19.833	0.072	86.1	5 obs.[7]	29 2313
6200	9.1	34 6.95	2.9741	0.0099	26 20 1.3	19.833	0.073	81.9	98 1568	26 2378*

[1] Z. 96 196 289 372 454
[2] » 285 1074 1075 1077 1275
[3] » 94 197 374 378 383
[4] Z. 202 381 455 758 1074 1075
[5] » 196 201 456 654 1273
[6] » 87 375 377 450 834
[7] Z. 835 836 837 1797 1798

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6201	7.8	12h 34m 45.98	+2.9656	−0.0106	+27° 49′ 33.3	−19.824	+0.074	77.9	7 obs.[1]	27° 2158
6202	9.3	34 54.44	2.9716	0.0098	26 23 31.7	19.822	0.075	74.5	94 98 197 285 383	26 2379
6203	9.0	36 0.90	2.9655	0.0100	27 2 38.4	19.807	0.076	75.3	96 196 372 456	27 2163
6204	9.0	36 6.26	2.9546	0.0113	29 17 22.9	19.806	0.076	80.0	5 obs.[2]	29 2316
6205	9.4	36 7.01	2.9670	0.0098	26 38 24.5	19.806	0.076	82.8	94 1684	26 2380*
6206	9.3	12 36 14.10	+2.9574	−0.0109	+28 37 57.2	−19.804	+0.076	74.3	86 91 204 379	28 2143
6207	9.0	36 25.16	2.9512	0.0116	29 47 44.2	19.802	0.077	84.8	455 1685	29 2317*
6208	8.6	36 29.07	2.9506	0.0116	29 50 51.6	19.801	0.077	77.3	202 455 758	29 2318
6209	7.5	36 30.73	2.9545	0.0111	29 2 50.0	19.800	0.077	78.1	380 381 382 977	29 2319
6210	9.5	36 45.15	2.9623	0.0101	27 15 26.9	19.797	0.078	78.7	5 obs.[3]	27 2164
6211	8.2	12 36 45.65	+2.9652	−0.0097	+26 35 43.5	−19.797	+0.078	76.6	94 98 197 383 1188	26 2382
6212	9.2	36 52.97	2.9714	0.0089	25 12 3.5	19.795	0.078	77.1	97 568 569 570	25 2547
6213	8.2	36 54.15	2.9724	0.0088	24 59 8.3	19.795	0.078	75.7	207 375 376	25 2548
6214	8.5	37 3.03	2.9706	0.0090	25 17 43.5	19.793	0.078	80.8	6 obs.[4]	25 2549
6215	6.5	37 8.69	2.9632	0.0098	26 48 43.3	19.791	0.078	77.5	6 obs.[5]	26 2383
6216	9.2	12 37 10.09	+2.9696	−0.0091	+25 26 29.6	−19.791	+0.078	80.9	568 570 653 1373	25 2553
6217	8.9	37 10.14	2.9618	0.0100	27 6 19.8	19.791	0.078	75.6	96 201 454 456	27 2165
6218	8.9	37 26.64	2.9640	0.0096	26 28 1.8	19.787	0.079	79.3	98 285 758 1456	26 2384
6219	7.5	37 27.98	2.9644	0.0095	26 21 53.6	19.787	0.079	78.8	7 obs.	26 2385
6220	8.7	37 50.78	2.9553	0.0104	28 0 44.5	19.781	0.080	73.6	86 91 204	28 2145
6221	9.0	12 38 10.68	+2.9680	−0.0089	+25 12 26.4	−19.777	+0.080	78.1	97 376 377 1276	25 2554
6222	7.8	38 12.89	2.9510	0.0108	28 39 57.3	19.776	0.079	78.7	5 obs.[6]	28 2146
6223	8.6	38 14.02	2.9667	0.0090	25 26 33.1	19.776	0.080	77.8	375 568 569 570	25 2555
6224	9.3	38 17.71	2.9545	0.0104	27 53 41.0	19.775	0.080	82.3	833 834 835 836	28 2147
6225	8.0	38 36.62	2.9453	0.0112	29 32 35.4	19.770	0.080	78.4	202 381 382 1277	29 2320
6226	9.5	12 38 39.18	+2.9619	−0.0093	+26 10 56.8	−19.770	+0.081	74.3	197	26 2387*
6227	7.8	38 55.32	2.9518	0.0103	28 4 42.4	19.766	0.081	80.9	91 195 977 1188 1457	28 2148
6228	8.3	38 57.71	2.9498	0.0106	28 25 43.8	19.765	0.081	80.1	204 758 840 1077	28 2149
6229	8.9	39 1.42	2.9518	0.0103	28 1 6.7	19.764	0.081	80.8	86 836 1074 1075	28 2150
6230	9.3	39 2.82	2.9412	0.0114	30 2 9.4	19.764	0.081	93.3	1797 1798	30 2320
6231	9.2	12 39 13.30	+2.9442	−0.0111	+29 21 58.8	−19.761	+0.081	78.7	5 obs.[7]	29 2321
6232	9.2	39 22.71	2.9440	0.0110	29 17 27.5	19.759	0.082	84.3	381 1684	29 2322
6233	9.0	39 25.13	2.9625	0.0090	25 36 20.9	19.758	0.082	76.0	97 376 567	25 2556
6234	9.0	39 25.85	2.9429	0.0111	29 30 10.0	19.758	0.082	81.6	5 obs.[8]	29 2323
6235	8.9	39 28.92	2.9513	0.0102	27 48 46.1	19.757	0.082	75.1	96 196 201 372 456	27 2167
6236	8.5	12 39 45.21	+2.9631	−0.0088	+25 18 17.8	−19.753	+0.083	78.7	568 569 653	25 2559
6237	8.9	39 46.74	2.9626	0.0088	25 24 30.8	19.753	0.083	79.9	6 obs.[9]	25 2560
6238	8.8	39 59.50	2.9400	0.0111	29 40 19.5	19.750	0.083	76.4	380 381 382	29 2325
6239	9.3	40 2.75	2.9415	0.0110	29 21 57.3	19.749	0.083	81.4	5 obs.[10]	29 2324
6240	9.0	40 20.18	2.9528	0.0097	27 1 51.4	19.744	0.084	75.6	196 201 372 456	27 2168
6241	6.7	12 40 23.99	+2.9637	−0.0084	+24 50 9.8	−19.743	+0.084	77.8	5 obs.[11]	24 2493
6242	8.8	40 44.74	2.9483	0.0099	27 39 13.8	19.738	0.085	77.9	196 201 454(2) 1277	27 2169
6243	9.5	40 59.12	2.9472	0.0100	27 43 21.6	19.734	0.085	76.3	206 289 652	27 2170
6244	8.6	41 7.74	2.9613	0.0085	24 55 44.4	19.732	0.085	79.3	5 obs.[12]	25 2561
6245	9.0	41 30.10	2.9438	0.0101	28 5 32.1	19.726	0.086	78.2	6 obs.[13]	28 2151
6246	7.1	12 41 50.35	+2.9602	−0.0083	+24 46 40.4	−19.721	+0.087	78.1	97 375 450 567 1188	24 2495
6247	9.1	41 52.81	2.9602	0.0083	24 45 3.9	19.720	0.087	79.8	97 570 835 836 1077	24 2496
6248	8.0	41 55.65	2.9440	0.0099	27 47 24.2	19.720	0.087	77.0	7 obs.	27 2172
6249	8.8	42 9.93	2.9540	0.0088	25 49 8.4	19.716	0.087	78.4	5 obs.[14]	25 2564
6250	8.0	42 19.56	2.9392	0.0102	28 27 57.4	19.713	0.087	76.2	5 obs.[15]	28 2152

[1] Z. 196 201 289 454 652(2) 1188
[2] » 202 381 382 1276 1277
[3] » 201 289 372 652 1454
[4] » 207 377 450 567 1274 1686
[5] » 197 285 373 374 383 1273
[6] Z. 195 204 379 980 1182
[7] » 202 380 455 837 1080
[8] » 202 382 980 1184 1454
[9] » 207 375 834 835 836 1077
[10] » 455 758 837 977 1081
[11] Z. 97 207 376 569 1275
[12] » 376 450 567 568 1274
[13] » 86 91 100 204 1374 1375
[14] » 98 207 653 839 977
[15] » 86 91 100 205 1278

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6251	8.9	12h 42m 24.s84	+2.s9552	−0.s0086	+25° 26′ 47.″5	−19.″712	+0.″088	83.0	758 1074 1075	25° 2566
6252	8.1	42 29.10	2.9452	0.0096	27 16 52.8	19.711	0.087	75.0	96 201 456	27 2173
6253	6.0	42 41.44	2.9540	0.0086	25 31 33.4	19.707	0.088	83.1	653 979 1074 1182	25 2568
6254	9.5	42 48.08	2.9299	0.0109	29 50 2.7	19.705	0.088	88.8	1180 1684	29 2326*
6255	9.1	43 4.68	2.9418	0.0097	27 33 59.1	19.701	0.088	81.4	834 836 839	27 2174*
6256	6.3	12 43 11.94	+2.9377	−0.0100	+28 13 59.9	−19.699	+0.088	73.7	5 obs.[1]	28 2153
6257	8.8	43 25.43	2.9445	0.0093	26 54 17.3	19.695	0.089	76.8	6 obs.[2]	27 2175
6258	8.9	43 39.04	2.9272	0.0109	29 50 28.1	19.692	0.089	78.7	8 obs.	29 2328
6259	7.3	43 41.30	2.9425	0.0094	27 6 47.6	19.691	0.089	78.0	201 206 1188	27 2176
6260	9.0	43 56.03	2.9545	0.0081	24 49 0.5	19.687	0.090	80.9	5 obs.[3]	24 2498
6261	9.1	12 44 11.43	+2.9426	−0.0092	+26 50 27.0	−19.683	+0.090	75.6	98 373 378 383	26 2393
6262	9.4	44 21.41	2.9418	0.0092	26 54 12.4	19.680	0.091	74.8	96 372	— —
6263	9.1	44 25.94	2.9416	0.0092	26 53 27.1	19.678	0.091	79.3	6 obs.[4]	27 2177
6264	9.2	45 0.20	2.9389	0.0092	27 5 29.1	19.669	0.092	77.5	6 obs.[5]	27 2180
6265	9.0	45 10.43	2.9330	0.0097	28 1 15.6	19.666	0.092	76.4	5 obs.[6]	28 2154
6266	8.8	12 45 12.36	+2.9269	−0.0103	+29 1 53.2	−19.665	+0.092	75.7	202 380 381	29 2329
6267	8.4	45 16.73	2.9234	0.0105	29 32 39.8	19.664	0.092	80.0	6 obs.[7]	29 2330
6268	8.4	45 22.10	2.9330	0.0096	27 54 51.2	19.663	0.093	77.0	86 195 980	28 2155
6269	9.4	45 23.89	2.9346	0.0095	27 36 35.4	19.662	0.093	92.3	1684	— —
6270	8.9	45 29.09	2.9231	0.0105	29 29 42.2	19.661	0.092	75.3	202 382	29 2331
6271	8.7	12 45 32.71	+2.9424	−0.0087	+26 11 26.1	−19.659	+0.093	77.5	5 obs.[8]	26 2397
6272	5.0	45 36.58	2.9304	0.0098	28 13 16.7	19.658	0.093	81.5	7 obs.	28 2156
6273	9.0	45 43.69	2.9412	0.0088	26 19 17.3	19.656	0.093	76.3	197 567	26 2398
6274	7.8	45 47.23	2.9408	0.0088	26 21 18.3	19.655	0.094	80.2	8 obs.	26 2399
6275	8.9	45 56.64	2.9417	0.0087	26 8 16.4	19.653	0.094	82.5	5 obs.[9]	26 2401
6276	8.6	12 46 0.41	+2.9256	−0.0101	+28 48 34.8	−19.652	+0.093	75.0	204 205 379	28 2158
6277	8.6	46 4.77	2.9417	0.0086	26 3 14.2	19.650	0.094	81.4	98 977 979 1184	26 2402
6278	8.5	46 21.00	2.9202	0.0104	29 31 12.2	19.645	0.094	79.4	6 obs.[10]	29 2333
6279	9.0	46 57.09	2.9244	0.0098	28 30 44.3	19.635	0.095	73.6	86 91 100 195	28 2159
6280	7.4	46 58.14	2.9307	0.0092	27 28 36.6	19.635	0.095	76.8	8 obs.	27 2187
6281	8.4	12 47 9.78	+2.9400	−0.0084	+25 49 24.4	−19.631	+0.096	75.8	97 376 377 450	25 2570
6282	7.7	47 10.39	2.9166	0.0104	29 40 12.2	19.631	0.095	78.7	380 381 455(2) 1274	29 2334
6283	8.1	47 48.79	2.9413	0.0081	25 18 55.2	19.619	0.098	79.9	377 568 570 1277	25 2571
6284	7.5	47 50.48	2.9283	0.0091	27 27 31.8	19.619	0.097	77.7	8 obs.	27 2189
6285	8.8	47 51.80	2.9403	0.0081	25 26 45.4	19.619	0.098	77.0	375 376 569	25 2572
6286	9.5	12 47 53.32	+2.9195	−0.0099	+28 49 27.9	−19.618	+0.097	76.0	100 204 758	28 2161
6287	8.9	48 2.49	2.9222	0.0096	28 21 16.2	19.615	0.097	74.7	86 205 379	28 2163
6288	8.8	48 14.30	2.9166	0.0100	29 7 42.0	19.612	0.097	75.7	202 381 382	29 2336
6289	9.3	48 46.85	2.9183	0.0097	28 35 28.3	19.602	0.099	77.6	91 195 834 835	28 2165
6290	8.9	48 53.27	2.9175	0.0097	28 40 14.7	19.600	0.099	81.1	204 205 1273 1524	28 2166
6291	8.8	12 48 58.47	+2.9395	−0.0078	+25 4 57.2	−19.598	+0.099	75.3	97 450	25 2573
6292	9.0	48 59.15	2.9123	0.0101	29 25 8.7	19.598	0.099	77.0	202 380 758	29 2339
6293	8.2	49 0.06	2.9156	0.0099	28 54 44.7	19.598	0.099	81.4	836 839 840	29 2340
6294	8.0	49 4.34	2.9183	0.0096	28 26 48.5	19.596	0.099	74.3	86 100 379	28 2167
6295	8.2	49 22.30	2.9303	0.0085	26 25 12.7	19.591	0.100	75.3	5 obs.[11]	26 2404
6296	8.7	12 49 28.60	+2.9290	−0.0086	+26 34 10.8	−19.589	+0.100	81.2	5 obs.[12]	26 2405
6297	9.5	49 37.01	2.9203	0.0092	27 52 35.6	19.586	0.100	73.7	96(2) 196	27 2194*
6298	9.1	50 0.27	2.9267	0.0085	26 41 55.8	19.579	0.101	80.8	7 obs.	26 2407
6299	9.2	50 44.95	2.9360	0.0076	24 53 13.4	19.565	0.103	80.6	5 obs.[13]	24 2509
6300	9.0	50 48.36	2.9127	0.0094	28 28 56.6	19.563	0.102	75.0	6 obs.[14]	28 2169

[1] Z. 86 91 100 204 205
[2] » 96 196 289 456 654 840
[3] » 376 450 568 1276 1277
[4] » 98 201 372 835 1182 1183
[5] » 196 206 289 654 758 837
[6] Z. 91 100 204 205 1278
[7] » 381 382 834 839 840 977
[8] » 197 373 378 383 1078
[9] » 835 836 837 1075 1077
[10] » 202 380 381 382 1276 1277
[11] Z. 98 197 373 378 383
[12] » 373 383 837 1181 1274
[13] » 569 570 834 836 977
[14] » 86 91 100 204 205 837

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6301	8.8	12h 50m 54.80	+2.9344	−0.0076	+25° 4′ 25.5	−19.561	+0.103	76.6	97 377 450 653	25° 2577
6302	8.0	51 22.76	2.9296	0.0079	25 37 42.6	19.552	0.103	76.8	375 376 377 569	25 2578
6303	9.0	51 35.06	2.9023	0.0100	29 39 19.7	19.548	0.103	78.0	381 382 838	29 2346
6304	9.0	51 36.55	2.9061	0.0097	29 6 26.0	19.548	0.103	75.7	202 380 381	29 2345
6305	9.0	51 39.57	2.9032	0.0099	29 30 8.6	19.547	0.103	82.7	839(2) 1181	29 2347
6306	8.8	12 51 40.42	+2.9224	−0.0083	+26 36 45.6	−19.547	+0.104	74.7	98 197 378	26 2409
6307	9.5	51 44.60	2.9314	0.0076	25 11 25.9	19.545	0.104	73.4	97	25 2579*
6308	9.4	52 7.03	2.9304	0.0076	25 12 2.1	19.538	0.105	79.4	568 570 837	25 2580
6309	8.7	52 24.09	2.9205	0.0083	26 35 50.1	19.532	0.105	75.4	98 378 383	26 2410
6310	9.1	52 29.66	2.9317	0.0074	24 50 58.0	19.530	0.105	77.6	375 377 568 653	24 2513*
6311	7.0	12 52 32.50	+2.9039	−0.0095	+28 59 41.2	−19.529	+0.105	75.7	202 380 382	29 2348
6312	9.2	52 32.91	2.9116	0.0089	27 52 13.8	19.529	0.105	77.3	5 obs.[1]	27 2199
6313	7.5	52 39.20	2.9093	0.0089	28 9 12.5	19.527	0.105	76.5	5 obs.[2]	28 2170
6314	8.2[3]	52 39.89	2.9117	0.0089	27 47 41.2	19.527	0.105	79.0	6 obs.[4]	27 2201
6315	7.4	53 30.71	2.9026	0.0094	28 44 26.4	19.510	0.106	73.8	91 100 204 205	28 2171
6316	8.1	12 53 32.29	+2.9013	−0.0094	+28 54 48.9	−19.510	+0.106	79.4	380 381 382 1456	29 2350
6317	9.1	53 45.82	2.9282	0.0073	24 51 56.3	19.505	0.108	80.0	97 567 1457	24 2516
6318	8.9	53 53.18	2.8974	0.0096	29 18 22.2	19.502	0.107	80.4	5 obs.[5]	29 2351
6319	9.2	53 56.91	2.9216	0.0078	25 46 57.0	19.501	0.108	79.0	569 570 758	25 2582*
6320	9.1	54 41.37	2.8958	0.0094	29 11 3.2	19.486	0.108	75.7	202 381 382	29 2354
6321	7.4	12 54 58.50	+2.9242	−0.0073	+24 59 28.7	−19.480	+0.110	77.6	375 376 377 653(2)	25 2583
6322	8.8	55 6.24	2.9149	0.0079	26 17 47.1	19.477	0.109	77.4	5 obs.[6]	26 2415
6323	8.6	55 16.33	2.9146	0.0079	26 16 29.4	19.474	0.110	75.1	98 197 378 383	26 2416
6324	9.1	55 17.27	2.9163	0.0078	26 1 3.8	19.474	0.110	82.8	97 1684	26 2417*
6325	8.0	56 4.92	2.8877	0.0095	29 39 53.4	19.457	0.110	77.0	5 obs.[7]	29 2357
6326	8.9	12 56 15.69	+2.9129	−0.0077	+26 7 26.5	−19.453	+0.112	75.7	197 378 383	26 2418
6327	9.1	56 28.56	2.8867	0.0095	29 38 18.9	19.448	0.111	81.4	834 835 840	29 2358
6328	9.1	56 51.90	2.9046	0.0081	27 3 45.9	19.440	0.113	76.4	96 206 372 838	27 2208
6329	9.5	56 53.80	2.9046	0.0081	27 4 40.3	19.439	0.113	73.3	96	— —
6330	9.3	56 59.24	2.9126	0.0075	25 52 22.0	19.437	0.113	78.0	97 567 570(2) 837	25 2585
6331	8.3	12 57 5.33	+2.9198	−0.0070	+24 49 59.1	−19.435	+0.113	76.1	97 376 377 567	24 2530
6332	9.1	57 16.01	2.8869	0.0092	29 16 42.8	19.431	0.113	83.4	834 835 1372	29 2359*
6333	8.7	57 26.75	2.9071	0.0078	26 28 9.2	19.428	0.114	76.7	98 378 758	26 2420
6334	9.1	57 36.72	2.8935	0.0087	28 15 46.7	19.424	0.113	73.8	86 100 204 205	28 2176
6335	8.5	57 38.90	2.8869	0.0091	29 7 25.0	19.423	0.113	75.9	202 380 381 382	29 2360
6336	9.0	12 57 42.45	+2.9090	−0.0076	+26 6 25.9	−19.422	+0.114	74.7	98 197 383	26 2421
6337	8.8	58 17.95	2.8875	0.0089	28 46 44.1	19.409	0.114	74.1	100 195 204 205	28 2179
6338	9.1	58 19.72	2.9009	0.0080	26 58 41.3	19.408	0.115	86.4	759 1687	27 2209*
6339	9.1	58 33.53	2.9005	0.0079	26 56 19.7	19.403	0.115	79.4	372 654 758 839	27 2210
6340	9.0	59 6.17	2.9141	0.0068	24 52 31.7	19.391	0.117	77.7	6 obs.[8]	24 2536
6341	9.1	12 59 14.04	+2.8824	−0.0089	+29 3 52.9	−19.388	+0.115	75.7	202 380 381	29 2362
6342	9.0	59 18.84	2.9080	0.0072	25 39 7.3	19.386	0.117	78.1	375 377 568 838	25 2591
6343	7.6	59 39.88	2.8950	0.0080	27 15 20.6	19.378	0.117	75.7	96 384 456	27 2212
6344	9.3	59 47.47	2.8882	0.0084	28 5 39.0	19.376	0.117	78.9	7 obs.	28 2181
6345	9.0	59 49.59	2.8972	0.0078	26 53 52.9	19.375	0.118	80.9	7 obs.	27 2213
6346	8.9	12 59 58.11	+2.8757	−0.0091	+29 36 26.2	−19.372	+0.117	78.0	382 459 758	29 2363
6347	8.9	13 0 2.55	2.8808	0.0088	28 56 17.0	19.370	0.117	78.4	381 382 459 978	29 2364
6348	9.0	0 3.63	2.9044	0.0072	25 51 9.2	19.370	0.118	84.4	834 1183 1278	25 2595
6349	6.8	0 12.31	2.8742	0.0091	29 41 57.1	19.366	0.117	77.0	202 380 761	29 2365
6350	8.7	0 31.97	2.8809	0.0086	28 44 37.1	19.359	0.118	76.3	100 195 205 977	28 2182

[1] Z. 96 196 372 837 838
[2] » 86 91 100 205 1455
[3] Double; preceding
[4] Z. 96 206 458 834 840 1273
[5] » 202 834 835 838 977
[6] » 98 197 383 837 838
[7] Z. 202 380 381 382 839
[8] » 97 567 568 569(2) 653

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6351	8.9	13h 0m 47s.74	+2s.8869	−0s.0082	+27° 52′ 5″.7	−19″.353	+0″.119	76.2	5 obs.[1]	27° 2216
6352	8.8	0 49.74	2.9055	0.0069	25 26 17.7	19.352	0.120	83.9	97 1373 1374 1375	25 2597
6353	8.4	0 50.79	2.8787	0.0086	28 52 36.8	19.352	0.119	77.0	86 204 978	28 2184
6354	9.0[2]	0 52.40	2.8756	0.0088	29 15 53.7	19.351	0.119	84.4	1080 1082 1083	29 2368
6355	8.8	0 54.99	2.9033	0.0071	25 42 30.3	19.350	0.120	89.4	1376 1525 1629	25 2598
6356	5.0	13 1 10.87	+2.8823	−0.0083	+28 17 45.1	−19.344	+0.119	77.9	100 195 761 980	28 2185
6357	8.2	1 11.56	2.8736	0.0089	29 22 52.1	19.344	0.119	76.4	380 381 382	29 2369
6358	9.5	1 19.38	2.8729	0.0089	29 25 15.3	19.341	0.119	80.4	758	29 2370*
6359	7.5	1 25.07	2.8904	0.0078	27 11 30.5	19.338	0.120	76.0	206 384 458	27 2217
6360	9.3	1 26.33	2.8991	0.0072	26 3 17.8	19.338	0.120	86.3	1275	26 2429*
6361	9.0	13 1 42.22	+2.8660	−0.0092	+30 6 57.6	−19.331	+0.119	84.1	8 obs.	*30 2367*
6362	9.0	1 45.47	2.8656	0.0092	30 8 20.3	19.331	0.119	88.9	1181 1689	*30 2368*
6363	6.9	1 54.76	2.8807	0.0082	28 13 33.6	19.327	0.121	74.0	86 204 205	28 2187
6364	6.9	2 0.76	2.9018	0.0069	25 29 52.6	19.325	0.121	75.3	97 375 376	25 2599
6365	8.0	2 3.30	2.8852	0.0079	27 36 48.2	19.324	0.121	75.4	96 206 384 456	27 2219
6366	9.5	13 2 9.05	+2.8747	−0.0085	+28 53 10.5	−19.321	+0.120	76.9	100 758	28 2188
6367	9.0	2 10.43	2.8699	0.0088	29 27 24.3	19.321	0.120	88.4	1083 1688	29 2372
6368	8.1	2 39.81	2.8634	0.0090	30 3 11.3	19.309	0.121	85.4	835 1183 1526	30 2371
6369	8.9	2 44.18	2.8779	0.0082	28 16 29.5	19.308	0.122	80.4	205 977 980	28 2189
6370	9.5	2 57.96	2.8958	0.0070	25 57 0.2	19.302	0.123	77.4	97 834	26 2430*
6371	9.1	13 2 58.77	+2.9018	−0.0067	+25 9 38.5	−19.302	+0.123	78.4	569 570	25 2600
6372	8.5	3 13.42	2.8676	0.0087	29 20 50.4	19.296	0.122	76.4	380 381 382	29 2373
6373	9.0	3 24.18	2.9020	0.0066	24 59 28.2	19.292	0.124	77.9	377 653	25 2602
6374	9.1	3 28.47	2.8983	0.0067	25 26 59.7	19.290	0.124	89.1	5 obs.[3]	25 2603
6375	8.5	3 59.77	2.8640	0.0086	29 28 15.9	19.277	0.123	83.0	5 obs.[4]	29 2374
6376	9.3	13 4 7.00	+2.8980	−0.0066	+25 16 0.6	−19.275	+0.125	83.0	568 1181 1182	25 2604
6377	8.5	4 19.01	2.8899	0.0070	26 13 22.3	19.270	0.125	80.1	378 383 977 1080	26 2431
6378	9.4	4 22.13	2.8869	0.0072	26 34 7.4	19.268	0.125	89.3	834 1688 1919	26 2432
6379	8.3	4 24.51	2.8572	0.0088	30 6 37.3	19.267	0.124	85.4	1186 1187	*30 2372*
6380	9.3	4 26.63	2.8836	0.0074	26 57 3.5	19.267	0.125	81.4	456 839 1188	27 2223
6381	8.6	13 4 51.01	+2.8635	−0.0084	+29 12 39.1	−19.257	+0.125	87.3	5 obs.[5]	29 2375
6382	8.8	4 53.12	2.8623	0.0084	29 19 57.8	19.256	0.125	84.4	1082 1085	29 2376
6383	9.5	4 55.05	2.8595	0.0086	29 39 10.6	19.255	0.125	93.3	1800 1802	29 2377
6384	8.4	4 56.38	2.8649	0.0083	29 1 18.1	19.255	0.125	84.4	1081 1084	29 2378
6385	8.2	5 28.94	2.8798	0.0073	27 3 6.4	19.241	0.126	82.0	456 1077 1086	27 2224
6386	9.2	13 5 29.57	+2.8697	−0.0079	+28 14 51.2	−19.241	+0.126	84.4	834 1376	28 2192
6387	9.0	5 31.62	2.8932	0.0066	25 24 33.4	19.240	0.127	88.4	1083 1687	25 2607
6388	8.5	5 32.65	2.8585	0.0085	29 32 1.8	19.240	0.126	84.4	1082 1088	29 2379
6389	9.2	5 55.21	2.8924	0.0065	25 22 20.6	19.230	0.128	85.4	1181 1182	25 2609*
6390	**4.1**	**6 2.36**	**2.8659**	**0.0079**	**28 30 44.0**	**19.228**	**0.128**		**Fund. Cat.**	**28 2193**
6391	6.5	13 6 7.12	+2.8955	−0.0062	+24 55 27.0	−19.225	+0.128	84.4	1081 1086	25 2610
6392	8.8	6 7 23	2.8927	0.0064	25 16 25.7	19.225	0.128	85.0	1084 1186 1187	25 2611
6393	9.3	6 17.72	2.8748	0.0074	27 21 40.2	19.221	0.128	88.9	1188 1690	27 2226
6394	9.2	6 48.53	2.8828	0.0068	26 15 12.3	19.208	0.129	88.9	1183 1689	26 2434
6395	8.0	6 49.57	2.8718	0.0074	27 32 43.0	19.208	0.129	82.0	456 1074 1088	27 2227
6396	8.8	13 6 51.82	+2.8676	−0.0076	+28 1 3.5	−19.207	+0.129	84.4	1077 1085	28 2196
6397	9.3	6 53.96	2.8536	0.0084	29 36 25.4	19.206	0.128	87.9	977 1688	29 2380
6398	8.9	7 6.50	2.8832	0.0067	26 5 32.0	19.201	0.129	84.1	980 1083 1087	26 2435
6399	9.4	7 12.55	2.8554	0.0082	29 17 56.3	19.198	0.128	86.9	835 1694	29 2381
6400	9.3	7 18.38	2.8712	0.0073	27 27 17.3	19.196	0.130	84.4	384 1691	27 2228

[1] Z. 96 206 384 456 654
[2] Double; south following
[3] Z. 570 1081 1916 1917 1918
[4] » 459 1074 1075 1077 1083
[5] Z. 1074 1075 1183 1629 1630

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6401	9.0	13h 7m 25.99	+2.8792	−0.0069	+26° 28′ 13.7	−19.192	+0.130	81.7	383 1080 1082	26° 2437
6402	9.1	7 26.54	2.8647	0.0076	28 9 17.6	19.192	0.129	84.0	978 1078 1081	28 2198
6403	9.1	7 28.91	2.8573	0.0081	28 59 17.5	19.191	0.129	86.4	834 1630	29 2382*
6404	9.2	7 40.74	2.8781	0.0068	26 30 55.2	19.186	0.130	85.4	1186 1187	26 2438*
6405	7.4	7 53.67	2.8788	0.0067	26 21 45.2	19.181	0.131	79.7	98 761 1181	26 2439
6406	9.2	13 8 23.40	+2.8775	−0.0067	+26 20 33.7	−19.168	+0.132	81.4	834 835 839	26 2440*
6407	8.5	8 41.86	2.8437	0.0083	30 3 52.8	19.160	0.130	81.4	380 979 1074	30 2384
6408	9.4	8 52.12	2.8612	0.0074	28 3 57.5	19.156	0.132	73.9	100 205	28 2201
6409	9.5	8 54.81	2.8624	0.0074	27 55 32.5	19.154	0.132	87.3	838 1800	28 2203
6410	9.3	8 59.28	2.8800	0.0064	25 52 34.2	19.152	0.133	77.7	377 568 570	25 2615
6411	7.5	13 9 41.55	+2.8466	−0.0080	+29 24 11.4	−19.134	+0.132	78.9	381 382 459 1182	29 2385
6412	9.1	9 53.35	2.8404	0.0082	30 0 28.7	19.129	0.133	77.6	380 381 382 839	30 2387
6413	9.1	10 11.92	2.8724	0.0066	26 22 33.5	19.121	0.134	77.0	98 383 838	26 2443
6414	8.0	10 20.66	2.8701	0.0067	26 34 57.6	19.117	0.135	80.4	383 760 834 980	26 2444
6415	9.2	10 21.98	2.8850	0.0059	24 51 55.0	19.116	0.135	77.8	377 568 569 570	24 2558
6416	8.3	13 10 23.19	+2.8536	−0.0075	+28 24 26.3	−19.116	+0.134	73.7	100 205 978	28 2205
6417	8.2	11 2.56	2.8396	0.0080	29 42 16.5	19.098	0.134	82.4	6 obs.[1]	29 2386
6418	9.1	11 27.86	2.8557	0.0071	27 49 23.6	19.087	0.136	81.4	834 835 838	27 2230*
6419	9.5	11 38.39	2.8797	0.0059	25 5 24.3	19.082	0.137	93.3	1800 1802	25 2617
6420	9.3	11 58.01	2.8495	0.0073	28 20 52.6	19.074	0.137	79.6	100 760 839 978	28 2206
6421	8.5	13 12 1.65	+2.8515	−0.0072	+28 6 50.9	−19.072	+0.137	81.7	205 1182 1186	28 2207
6422	9.0	12 3.55	2.8457	0.0075	28 43 26.9	19.071	0.136	80.4	205 834 1187	28 2208
6423	8.7	12 9.59	2.8446	0.0075	28 48 14.0	19.068	0.136	88.9	1188 1687	28 2209
6424	8.7	12 17.74	2.8614	0.0067	26 57 6.9	19.065	0.138	77.2	5 obs.[2]	27 2233
6425	8.8	12 32.80	2.8406	0.0076	29 6 46.4	19.058	0.137	77.9	381 382 459 836	29 2389
6426	8.1	13 12 40.42	+2.8596	−0.0066	+27 1 25.3	−19.054	+0.138	81.1	384 978 983	27 2234
6427	8.8	12 49.70	2.8596	0.0066	26 58 34.3	19.050	0.139	79.2	5 obs.[3]	27 2235
6428	8.9	12 51.17	2.8425	0.0074	28 48 37.8	19.049	0.138	84.0	5 obs.[4]	28 2210
6429	9.1	12 51.97	2.8427	0.0074	28 47 1.6	19.049	0.138	82.7	100 1183 1526	28 2211
6430	8.0	12 54.94	2.8748	0.0058	25 16 3.2	19.048	0.140	77.8	377 568 569 570	25 2619
6431	9.0	13 13 6.35	+2.8466	−0.0071	+28 17 23.2	−19.043	+0.138	82.4	760 980 981	28 2212
6432	7.5	13 8.39	2.8377	0.0076	29 13 18.8	19.042	0.138	76.4	380 381 382	29 2391
6433	9.1	13 24.67	2.8688	0.0060	25 47 11.6	19.034	0.140	77.8	377 568 569 570	25 2620
6434	8.9	13 29.16	2.8523	0.0068	27 33 41.2	19.032	0.139	85.4	654 1373 1374 1375	27 2237
6435	7.9	13 59.85	2.8394	0.0073	28 45 40.3	19.018	0.139	79.0	5 obs.[5]	28 2213
6436	9.1	13 14 28.96	+2.8420	−0.0071	+28 20 31.4	−19.005	+0.140	81.1	760 834 835 836	28 2214
6437	8.7	14 30.35	2.8518	0.0066	27 18 18.3	19.004	0.141	80.1	384 456 838 1187	27 2238
6438	7.8	14 41.40	2.8698	0.0057	25 18 25.1	18.999	0.142	79.4	5 obs.[6]	25 2623
6439	9.3	14 49.70	2.8381	0.0072	28 38 7.9	18.995	0.141	81.9	759 978	28 2215
6440	9.3	15 33.09	2.8475	0.0066	27 27 15.0	18.974	0.142	79.8	5 obs.[7]	27 2240
6441	9.1	13 15 36.33	+2.8345	−0.0072	+28 46 23.5	−18.973	+0.142	77.6	100 205 834 835	28 2218
6442	9.4	15 41.82	2.8256	0.0075	29 38 4.4	18.970	0.142	79.0	5 obs.[8]	29 2397
6443	7.5	16 0.70	2.8537	0.0062	26 39 10.2	18.961	0.143	78.4	98 383 761 983	26 2450
6444	6.8	16 2.83	2.8642	0.0057	25 32 16.6	18.960	0.144	79.6	377 568 569 1189	25 2625
6445	8.7	16 17.95	2.8417	0.0067	27 49 7.9	18.953	0.144	80.4	384 654 1183	27 2243
6446	8.7	13 16 20.36	+2.8462	−0.0065	+27 20 37.5	−18.952	+0.144	88.4	1087 1687	27 2244
6447	9.1	16 21.14	2.8575	0.0059	26 10 7.7	18.952	0.145	81.6	383 838 978 1188	26 2451
6448	9.0	16 22.82	2.8686	0.0054	24 57 22.5	18.951	0.145	80.4	570 656 760 979	25 2626
6449	8.1	16 23.10	2.8478	0.0064	27 10 23.7	18.951	0.144	87.4	1187 1376 1526	27 2245
6450	8.9	16 31.79	2.8216	0.0075	29 46 25.3	18.946	0.143	80.2	5 obs.[9]	29 2400

[1] Z. 380 459 761 1183 1184 1524
[2] » 98 384 456 458 838
[3] » 98 458 761 839 970
[4] Z. 100 1184 1278 1372 1376
[5] » 100 205 761 979 983
[6] » 377 568 569 570 1188
[7] Z. 384 654 760 839 840
[8] » 380 381 459 836 979
[9] » 381 382 459 980 1372

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6451	8.9	13h 16m 35s.45	+2s.8668	−0s.0054	+25° 5′ 48″.2	−18″.945	+0″.145	81.9	569 656 981 1281	25° 2627
6452	7.7	16 39.78	2.8509	0.0062	26 46 10.1	18.943	0.144	83.7	761 1182 1186	26 2452
6453	9.0	16 41.19	2.8270	0.0072	29 10 28.9	18.942	0.144	81.9	382 1373	29 2401
6454	8.6	16 45.88	2.8531	0.0060	26 29 37.1	18.940	0.145	81.4	836 839	26 2453
6455	8.9	16 46.48	2.8331	0.0069	28 33 21.2	18.939	0.144	82.4	5 obs.[1]	28 2221
6456	9.2	13 16 55.89	+2.8229	−0.0073	+29 31 0.4	−18.935	+0.144	79.7	380 835 838	29 2402
6457	8.8	17 7.06	2.8258	0.0072	29 10 34.0	18.930	0.144	80.4	6 obs.[2]	29 2403
6458	8.8	17 11.65	2.8199	0.0074	29 43 43.3	18.927	0.144	84.0	980 1075 1077	29 2404
6459	9.0	17 18.38	2.8463	0.0062	27 3 17.6	18.924	0.145	79.7	384 654 977	27 2247
6460	8.6	17 45.66	2.8165	0.0074	29 52 57.8	18.911	0.145	80.4	381 839 979	29 2405
6461	7.2	13 17 51.05	+2.8531	−0.0058	+26 12 2.7	−18.908	+0.147	79.6	98 383 978 1188	26 2455
6462	9.5	18 0.81	2.8517	0.0058	26 18 24.6	18.904	0.147	94.1	1802 1917 1918 1919	26 2456
6463	9.5	18 17.72	2.8519	0.0058	26 11 57.3	18.895	0.148	86.0	98 1688 1689	26 2457*
6464	9.0	18 41.66	2.8598	0.0053	25 16 20.1	18.884	0.149	79.6	377 568 570 1189	25 2630
6465	9.5	18 48.91	2.8486	0.0058	26 22 54.6	18.880	0.148	87.9	979 1687	26 2458*
6466	9.3	13 18 53.04	+2.8104	−0.0074	+30 7 29.0	−18.878	+0.147	82.7	834 840 1187	*30 2395**
6467	9.1	18 54.93	2.8566	0.0054	25 32 29.4	18.877	0.149	81.9	761 978	25 2632
6468	9.5	18 58.13	2.8633	0.0051	24 50 15.6	18.874	0.149	79.4	568 569 759 760	24 2577*
6469	8.3	19 14.38	2.8249	0.0067	28 37 56.7	18.867	0.148	78.4	100 205 655 1281	28 2224
6470	8.3	19 28.87	2.8487	0.0057	26 12 1.1	18.860	0.149	79.6	98 383 980 1182	26 2460
6471	8.7	13 19 44.25	+2.8466	−0.0057	+26 20 1.3	−18.853	+0.150	79.7	383 834 838	26 2461
6472	9.0	19 54.66	2.8581	0.0051	25 6 43.7	18.848	0.151	81.6	5 obs.[3]	25 2633
6473	9.3	20 16.65	2.8297	0.0063	27 51 37.7	18.837	0.150	78.7	384 654 759	27 2251
6474	9.0	20 18.47	2.8538	0.0053	25 27 15.6	18.836	0.151	78.0	377 568 653	25 2634
6475	9.0	20 33.32	2.8187	0.0067	28 50 54.6	18.828	0.150	75.7	100 205 655	28 2226
6476	8.4	13 20 59.15	+2.8374	−0.0059	+26 54 23.9	−18.815	+0.151	79.4	6 obs.[4]	27 2252
6477	8.0	21 20.62	2.8091	0.0069	29 31 24.4	18.804	0.151	87.0	1186 1187 1568	29 2408
6478	8.5	21 33.72	2.8554	0.0049	24 57 36.5	18.798	0.153	81.4	653 656 978 981	25 2637
6479	8.7	21 37.98	2.8483	0.0052	25 39 30.3	18.795	0.153	83.7	979 980 1081	25 2638
6480	9.2	21 40.34	2.8350	0.0058	26 58 0.6	18.794	0.152	82.9	838 839 1077 1083	27 2253*
6481	8.4	13 21 48.53	+2.8539	−0.0049	+25 3 14.1	−18.790	+0.154	82.9	840 1078	25 2639
6482	7.8	22 2.41	2.8285	0.0060	27 29 24.6	18.783	0.153	81.1	654 761 978	27 2255
6483	8.7	22 14.11	2.8110	0.0066	29 5 45.0	18.777	0.152	78.9	380 381 382 1281	29 2409
6484	9.4	22 33.62	2.8539	0.0048	24 51 24.3	18.767	0.155	80.6	569 759 760 977	24 2586*
6485	9.5	22 33.90	2.8387	0.0055	26 21 35.5	18.767	0.154	82.9	98 1687	26 2464*
6486	8.4	13 22 34.68	+2.8231	−0.0061	+27 51 42.6	−18.766	+0.153	84.9	839 1183 1186 1373	27 2257
6487	8.2	22 35.22	2.8216	0.0061	27 59 47.3	18.766	0.153	75.7	100 205 655	28 2228
6488	8.1	22 49.90	2.8091	0.0065	29 5 57.5	18.759	0.153	79.1	380 381 382 1375	29 2410
6489	8.2	22 59.47	2.8104	0.0065	28 56 2.9	18.754	0.153	82.4	459 979 980 1188	29 2411
6490	9.0	23 5.13	2.8239	0.0059	27 38 46.3	18.751	0.154	85.9	654 1688	27 2258
6491	9.2	13 23 13.16	+2.7998	−0.0068	+29 51 23.5	−18.747	+0.153	83.7	761 981 1376	29 2412
6492	9.4	23 25.04	2.8037	0.0066	29 26 13.9	18.740	0.154	80.9	459 1083	29 2413
6493	9.4	23 25.56	2.8030	0.0067	29 30 18.0	18.740	0.154	90.9	1524 1691	29 2414*
6494	9.4	23 29.57	2.8213	0.0060	27 47 0.3	18.738	0.154	83.7	838 1082 1187	27 2260
6495	9.5	23 31.90	2.8482	0.0049	25 10 36.9	18.737	0.156	78.9	97 569 759 977	25 2640
6496	8.5	13 23 56.54	+2.8142	−0.0061	+28 19 17.6	−18.724	+0.155	77.6	100 205 655 978	28 2231
6497	9.2	23 58.76	2.8034	0.0065	29 17 34.3	18.723	0.155	78.0	381 382 840	29 2416
6498	9.5	24 12.11	2.7939	0.0068	30 5 42.0	18.716	0.154	89.4	1525 1526	*30 2404*
6499	8.4	24 27.17	2.8029	0.0065	29 12 50.1	18.708	0.155	78.0	202 380 979	29 2417
6500	8.7	24 33.01	2.8127	0.0061	28 17 44.8	18.705	0.156	79.1	100 205 839 1372	28 2232

[1] Z. 100 205 655 1693 1694 [2] Z. 382 459 657 840 981 1075 [3] Z. 377 569 570 1373 1376
[4] » 98 384 654 761 840 1188

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6501	8.2	13h 24m 51s.73	+2s.8479	−0s.0047	+24° 52′ 45″.1	−18″.695	+0″.158	79.4	568 653 761	24° 2592
6502	7.8	24 56.61	2.8476	0.0047	24 52 57.6	18.693	0.158	81.5	6 obs.[1]	24 2593
6503	9.4	24 58.07	2.8082	0.0061	28 36 10.4	18.692	0.156	79.4	205 760 977	28 2233
6504	6.8	25 8.07	2.8246	0.0055	27 2 6.2	18.686	0.157	79.1	206 384 654 1281	27 2262
6505	9.3	25 13.46	2.8106	0.0060	28 18 40.3	18.684	0.157	82.9	100 1687	28 2234*
6506	9.2	13 25 22.19	+2.7992	−0.0064	+29 18 14.9	−18.679	+0.157	83.0	5 obs.[2]	29 2419
6507	8.8	25 26.66	2.7956	0.0065	29 35 58.1	18.677	0.157	80.4	380 838 981	29 2421
6508	9.4	25 27.39	2.8431	0.0047	25 11 44.6	18.676	0.159	81.6	97 1080 1081 1082	25 2642
6509	9.1	25 43.66	2.8137	0.0058	27 54 3.3	18.668	0.158	85.9	1087 1373	28 2235*
6510	7.5	25 57.76	2.8200	0.0055	27 14 43.5	18.660	0.159	79.4	206 384 654 1376	27 2264
6511	8.5	13 26 14.11	+2.7973	−0.0063	+29 13 43.1	−18.651	+0.158	77.4	202 381 839	29 2423
6512	9.2	26 41.55	2.8260	0.0051	26 29 39.2	18.637	0.160	78.8	5 obs.[3]	26 2466
6513	9.0	26 52.30	2.8026	0.0059	28 36 9.5	18.631	0.159	83.0	5 obs.[4]	28 2236
6514	6.0	26 52.85	2.8415	0.0045	24 59 47.4	18.631	0.161	80.6	5 obs.[5]	25 2643
6515	8.9	27 6.52	2.8194	0.0053	27 0 47.1	18.623	0.160	81.7	6 obs.[6]	27 2265
6516	9.1	13 27 8.46	+2.8412	−0.0045	+24 57 54.4	−18.622	+0.161	86.0	1186 1187 1375	25 2644*
6517	8.5	27 15.64	2.8243	0.0051	26 31 23.9	18.618	0.161	79.1	98 383 978 979	26 2468
6518	9.2	27 30.90	2.8209	0.0052	26 45 33.3	18.610	0.161	83.0	759 1077 1080	26 2469
6519	8.3	27 42.08	2.8069	0.0056	27 59 39.3	18.604	0.161	81.4	8 obs.	28 2237
6520	8.8[7]	27 54.89	2.8053	0.0056	28 5 33.6	18.597	0.161	78.6	205 655 760 761	28 2238
6521	9.5	13 28 20.89	+2.7911	−0.0061	+29 12 50.7	−18.583	+0.161	83.4	978	29 2428*
6522	9.5	28 25.37	2.8393	0.0043	24 50 50.7	18.580	0.164	78.3	97 568 977	24 2598*
6523	9.3	28 30.26	2.7916	0.0060	29 8 18.6	18.577	0.161	77.9	202 380 459 979	29 2430
6524	7.9	28 32.14	2.8166	0.0052	26 55 2.5	18.576	0.163	79.7	384 654 980	27 2268
6525	8.0	28 32.71	2.8166	0.0052	26 55 6.3	18.576	0.163	84.4	384 1687	
6526	9.1	13 28 36.44	+2.8312	−0.0046	+25 33 33.6	−18.574	+0.163	85.4	1186 1187	25 2648*
6527	8.3	28 51.55	2.7865	0.0061	29 28 38.1	18.566	0.161	78.9	380 381 382 1281	29 2431
6528	8.0	28 59.76	2.8014	0.0057	28 9 0.5	18.561	0.163	80.7	100 840 1375	28 2241
6529	8.5	29 16.19	2.8307	0.0045	25 26 45.1	18.552	0.165	79.7	8 obs.	25 2649
6530	8.5	29 29.07	2.7811	0.0062	29 46 31.4	18.545	0.162	76.1	202 381 382 459	29 2432
6531	9.1	13 29 41.09	+2.8084	−0.0052	+27 21 22.8	−18.538	+0.164	80.7	6 obs.[8]	27 2269
6532	9.3	29 53.04	2.7940	0.0058	28 34 19.4	18.532	0.164	77.6	5 obs.[9]	28 2242
6533	9.3	30 20.24	2.8121	0.0050	26 52 6.5	18.516	0.165	83.4	206 1687	26 2472*
6534	8.2	30 51.83	2.8147	0.0048	26 31 2.1	18.499	0.166	78.9	98 383 761 1188	26 2473
6535	8.9	30 53.25	2.7810	0.0060	29 24 53.1	18.498	0.165	77.1	202 380 382 840	29 2435
6536	9.3	13 30 57.72	+2.7879	−0.0057	+28 48 48.8	−18.495	+0.165	77.1	100 205 759 760	28 2243
6537	7.9	31 6.05	2.7901	0.0056	28 36 7.0	18.491	0.165	82.1	655 978 979	28 2244
6538	6.0	31 6.18	2.8281	0.0043	25 15 6.0	18.491	0.167	80.6	568 570 653 1278	25 2652
6539	8.6	31 10.67	2.7835	0.0058	29 7 55.9	18.488	0.165	79.1	202 459 839 980	29 2436
6540	9.0	31 24.84	2.8102	0.0049	26 46 45.6	18.480	0.167	77.7	98 383 979	26 2474
6541	9.5	13 31 30.09	+2.7810	−0.0058	+29 15 55.8	−18.477	+0.165	84.0	838 1186 1187	29 2439
6542	8.9	31 30.34	2.8219	0.0044	25 42 52.2	18.477	0.168	79.9	97 656 659 1373	25 2655
6543	9.2	31 31.32	2.8258	0.0043	25 22 3.0	18.476	0.168	79.4	569 653 759	25 2656
6544	9.4	31 49.26	2.8077	0.0049	26 54 14.3	18.466	0.168	79.7	6 obs.[10]	27 2272
6545	9.4	32 0.64	2.7832	0.0057	28 57 31.9	18.460	0.166	78.2	5 obs.[11]	29 2440
6546	8.2	13 32 3.53	+2.8008	−0.0051	+27 26 33.7	−18.458	+0.168	80.6	571 572 654 1281	27 2273
6547	9.2	32 16.22	2.7999	0.0051	27 28 36.9	18.451	0.168	80.4	572 654 978	27 2274
6548	9.0	32 31.48	2.7674	0.0061	30 7 42.5	18.442	0.167	84.4	1077 1080 1082	*30 2430*
6549	8.0	32 32.96	2.7938	0.0052	27 55 25.6	18.441	0.168	76.4	100 655	28 2245
6550	9.0	32 39.53	2.7686	0.0060	30 0 19.9	18.437	0.167	84.4	1078 1081 1083	30 2431

[1] Z. 568 570 653 761 1188 1375
[2] » 459 978 980 1186 1187
[3] » 98 383 759 760 981
[4] » 838 839 840 1188 1189
[5] Z. 568 653 656 659 1281
[6] » 206 384 654 980 1278 1568
[7] » Double; north preceding
[8] » 206 571 572 1077 1081 1082
[9] Z. 100 205 655 760 761
[10] » 206 459 571 839 840 1280
[11] » 381 382 459 760 761

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6551	9.5	$13^h\ 32^m\ 54^s.50$	+2ˢ.7693	−0ˢ.0060	+29° 52′ 49″.3	−18″.429	+0″.167	80.4	380 838 977	29° 2441
6552	7.7	33 0.21	2.8274	0.0040	24 53 8.7	18.426	0.171	81.4	653 656 659 1375	24 2611
6553	7.0	33 3.73	2.8286	0.0039	24 46 5.5	18.424	0.171	78.7	98 656 979	24 2612
6554	9.1	33 18.17	2.7707	0.0058	29 39 47.4	18.415	0.168	79.1	202 380 381 1525	29 2443
6555	9.0	33 25.22	2.7999	0.0048	27 11 40.2	18.411	0.170	79.1	206 384 572 1376	27 2275
6556	7.2	13 33 35.89	+2.7979	−0.0049	+27 19 17.7	−18.405	+0.170	81.1	654 761 980	27 2276
6557	9.0	33 53.77	2.8221	0.0040	25 9 47.7	18.395	0.172	78.6	97 102 569 1524	25 2658
6558	9.0	34 7.09	2.7766	0.0055	28 58 59.3	18.387	0.169	78.9	8 obs.	29 2444
6559	8.0	34 10.32	2.8053	0.0045	26 33 38.1	18.385	0.171	79.1	98 383 761 1282	26 2481
6560	9.0	34 13.53	2.7987	0.0047	27 6 49.6	18.383	0.171	73.9	99 206	27 2277
6561	9.3	13 34 14.40	+2.7729	−0.0056	+29 15 22.8	−18.383	+0.169	84.0	978 980 1186	29 2445
6562	8.2	34 30.65	2.7670	0.0057	29 39 43.2	18.373	0.170	79.4	381 382 1189	29 2446
6563	9.1	34 39.26	2.8050	0.0044	26 29 3.0	18.368	0.172	83.4	838 1077 1082	26 2482
6564	6.5	34 52.92	2.7779	0.0053	28 41 54.3	18.360	0.171	80.4	5 obs.[1]	28 2248
6565	9.1	34 53.01	2.7805	0.0052	28 28 32.1	18.360	0.171	80.5	6 obs.[2]	28 2249
6566	9.4	13 35 7.84	+2.8174	−0.0040	+25 17 54.0	−18.351	+0.173	77.6	97 102 759 981	25 2660
6567	9.0	35 12.83	2.8020	0.0044	26 35 55.9	18.348	0.173	81.2	6 obs.[3]	26 2483
6568	9.5	35 15.70	2.8019	0.0044	26 36 6.9	18.347	0.173	73.4	98	— —
6569	9.2	35 22.59	2.7685	0.0055	29 20 33.6	18.343	0.171	84.4	1080 1081	29 2447*
6570	9.1	36 0.34	2.7698	0.0053	29 5 13.9	18.320	0.172	79.7	7 obs.	29 2448
6571	9.4	13 36 1.11	+2.7659	−0.0055	+29 23 52.7	−18.320	+0.172	82.9	839 840 1083 1085	29 2449
6572	9.1	36 12.64	2.8035	0.0043	26 15 2.7	18.313	0.174	85.1	1087 1186 1188 1189	26 2486*
6573	9.0	36 24.99	2.8196	0.0037	24 50 25.8	18.306	0.175	77.9	97 102 653 1190	24 2622
6574	8.8	36 37.92	2.7751	0.0050	28 30 23.2	18.298	0.173	84.0	655 979 1524	28 2250
6575	8.3	36 42.35	2.7709	0.0052	28 50 3.6	18.295	0.173	80.4	205 978 981	28 2251
6576	8.9	13 36 48.23	+2.7821	−0.0048	+27 54 7.3	−18.292	+0.174	83.4	760 1077 1080 1082	28 2252
6577	8.5	37 12.61	2.7787	0.0048	28 5 0.6	18.277	0.174	80.1	100 761 1282	28 2253
6578	8.5	37 25.26	2.8153	0.0037	24 59 25.7	18.270	0.177	78.4	97 102 656 1375	25 2666
6579	9.0	37 34.10	2.8083	0.0038	25 32 58.9	18.264	0.177	80.7	653 656 978	25 2669
6580	8.9	37 40.89	2.7513	0.0056	30 8 6.6	18.260	0.174	84.4	1078 1081 1083	*30 2441*
6581	9.1	13 38 13.24	+2.8083	−0.0037	+25 24 49.0	−18.241	+0.178	84.7	1077 1082 1188	25 2672*
6582	8.5	38 20.62	2.8020	0.0039	25 54 48.8	18.236	0.178	81.0	5 obs.[4]	26 2488
6583	7.0	38 24.24	2.7736	0.0048	28 12 53.4	18.234	0.176	81.9	100 1080 1084 1191	28 2254
6584	8.1	38 46.71	2.7548	0.0053	29 36 19.7	18.220	0.176	78.4	101 380 382 1376	29 2454
6585	9.0	39 1.42	2.8081	0.0036	25 16 10.0	18.211	0.179	79.4	102 1189	25 2674
6586	9.3	13 39 12.34	+2.7530	−0.0052	+29 39 13.6	−18.205	+0.176	86.0	1081 1087 1524	29 2455
6587	9.1	39 22.27	2.7648	0.0049	28 41 22.8	18.198	0.177	84.1	655 1278 1280	28 2256
6588	9.0	39 22.42	2.7632	0.0049	28 48 59.4	18.198	0.177	80.7	100 1083 1086	28 2257
6589	9.5	40 3.24	2.8097	0.0035	24 54 38.6	18.173	0.181	93.8	1802 1803 1917 1919	25 2676
6590	8.0	40 6.02	2.7734	0.0045	27 51 10.1	18.172	0.179	83.4	5 obs.[5]	27 2285
6591	9.5	13 40 17.75	+2.8099	−0.0035	+24 50 54.1	−18.164	+0.181	89.4	1187 1809	24 2631
6592	9.2	40 29.28	2.7806	0.0042	27 12 11.9	18.157	0.180	84.9	1082 1188	27 2287
6593	9.0	40 34.05	2.8100	0.0034	24 46 58.1	18.154	0.182	84.4	1081 1087	24 2635
6594	7.9	40 34.11	2.7725	0.0045	27 49 10.3	18.154	0.180	84.9	1088 1191	27 2288
6595	9.5	40 34.16	2.7635	0.0047	28 32 9.0	18.154	0.179	83.4	100 1805	28 2258
6596	9.5	13 40 44.71	+2.7956	−0.0038	+25 55 43.2	−18.148	+0.182	94.7	1808 1946 1947	26 2493
6597	8.1	40 49.84	2.7623	0.0047	28 34 6.8	18.144	0.179	79.1	100 655 658 1086	28 2259
6598	9.5	40 54.74	2.7693	0.0045	27 59 50.8	18.141	0.180	86.4	1278 1280	28 2260
6599	6.0	40 54.95	2.7903	0.0039	26 19 47.8	18.141	0.182	84.4	1077 1083 1085	26 2494
6600	8.3	42 2.64	2.8070	0.0032	24 44 17.0	18.099	0.184	84.4	1078 1082 1087 1088	24 2637

[1] Z. 100 205 979 1187 1191
[2] » 100 205 655 978 1280 1281
[3] Z. 98 383 760 840 979 1687
[4] » 98 383 1085 1186 1187
[5] Z. 654 1078 1080 1084 1085

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6601	8.8	13h 42m 16s.51	+2s.7766	−0s.0041	+27° 8' 19".4	−18".090	+0".183	84.7	1080 1084 1188	27° 2293
6602	8.8	42 48.83	2.8021	0.0032	24 58 56.9	18.070	0.185	81.1	102 1086 1187	25 2681
6603	8.8	42 49.34	2.7919	0.0035	25 48 11.2	18.070	0.184	84.7	1081 1085 1191	25 2680
6604	9.1	42 50.90	2.7722	0.0041	27 21 0.2	18.069	0.183	84.4	1083 1088	27 2294
6605	6.8	43 1.16	2.7569	0.0045	28 30 17.4	18.062	0.183	81.1	655 658 1087	28 2262
6606	9.4	13 43 15.76	+2.7550	−0.0045	+28 35 10.8	−18.053	+0.183	79.4	100 1189	28 2263
6607	7.0[1]	43 22.26	2.7675	0.0041	27 36 16.8	18.049	0.184	84.4	1077 1078 1080 1082	27 2296
6608	9.5	43 25.24	2.8019	0.0031	24 52 51.4	18.047	0.186	86.4	1186 1376	24 2645*
6609	9.1	43 44.40	2.7736	0.0039	27 3 27.8	18.035	0.185	79.6	206 384 978 1086	27 2298
6610	8.6	44 0.85	2.7581	0.0043	28 11 25.6	18.024	0.184	77.4	100 655 658	28 2265
6611	9.0	13 44 14.28	+2.7373	−0.0048	+29 42 6.9	−18.015	+0.182	78.2	5 obs.[2]	29 2459
6612	9.0	44 21.51	2.7357	0.0048	29 47 6.8	18.011	0.182	83.1	761 979 1077 1085	29 2460
6613	8.8	44 23.38	2.7340	0.0048	29 54 1.5	18.010	0.183	78.9	101 382 840 1083	30 2451
6614	8.5	44 37.75	2.7731	0.0038	26 54 35.3	18.000	0.186	75.4	99 206 572	27 2299
6615	8.9	44 44.50	2.7565	0.0042	28 9 26.5	17.996	0.185	80.6	100 759 979 1187	28 2266
6616	9.4	13 44 56.68	+2.7858	−0.0034	+25 51 30.2	−17.988	+0.187	89.4	1526	25 2685*
6617	9.3	45 8.47	2.7920	0.0032	25 19 23.5	17.981	0.188	82.8	5 obs.[3]	25 2687
6618	8.2	45 27.45	2.7599	0.0040	27 44 52.7	17.968	0.186	80.6	5 obs.[4]	27 2301
6619	7.5	45 27.83	2.7913	0.0032	25 19 1.8	17.968	0.189	79.0	5 obs.[5]	25 2689
6620	9.5	45 33.16	2.7775	0.0036	26 23 10.3	17.965	0.188	76.7	98 103 979	26 2499
6621	9.1	13 45 40.67	+2.7260	−0.0048	+30 12 6.1	−17.960	+0.185	84.4	1078 1082 1085	*30 2455*
6622	9.4	45 41.97	2.7633	0.0039	27 26 35.8	17.959	0.187	80.4	99 980 1087	27 2302
6623	8.0	46 1.01	2.7901	0.0031	25 18 27.3	17.947	0.190	77.4	97 840	25 2691
6624	7.5	46 7.06	2.7855	0.0033	25 39 12.2	17.943	0.189	83.1	761 979 1186	25 2692
6625	8.5	46 24.31	2.7705	0.0036	26 44 55.9	17.931	0.189	80.1	103 978 981	26 2501
6626	9.0	13 46 40.75	+2.7749	−0.0034	+26 21 30.1	−17.921	+0.189	88.9	98 1084	26 2502
6627	9.2	46 43.57	2.7840	0.0032	25 38 43.3	17.919	0.190	84.4	1080 1086	25 2693
6628	9.5	46 54.78	2.7840	0.0032	25 36 38.1	17.911	0.190	84.9	980 1278	25 2694
6629	8.5	47 12.05	2.7407	0.0042	28 48 33.4	17.900	0.188	84.4	1087 1088	28 2269
6630	9.4	47 17.92	2.7516	0.0040	27 59 23.6	17.896	0.189	93.3	1802 1803	28 2270
6631	9.5	13 47 18.60	+2.7640	−0.0036	+27 3 31.8	−17.896	+0.190	93.3	1804 1805	27 2304*
6632	9.1	47 18.78	2.7416	0.0042	28 43 45.0	17.896	0.188	84.4	978 1083 1188	28 2271
6633	8.5	47 20.52	2.7453	0.0041	28 26 11.2	17.895	0.188	81.9	658 1077	28 2272
6634	8.5	47 22.24	2.7478	0.0040	28 15 44.9	17.893	0.189	87.4	1082 1191 1690	28 2273
6635	8.8	47 29.45	2.7831	0.0031	25 33 56.0	17.889	0.191	81.4	97 1525	25 2696
6636	6.0	13 47 30.11	+2.7335	−0.0043	+29 15 49.6	−17.888	+0.188	78.6	101 382 657 1187	29 2464
6637	9.4	47 30.19	2.7736	0.0033	26 17 31.7	17.888	0.190	82.9	98 1689	26 2503*
6638	7.7	47 34.06	2.7931	0.0028	24 46 37.4	17.886	0.192	84.4	1078 1085	24 2658
6639	8.3	47 34.61	2.7548	0.0038	27 42 8.5	17.886	0.190	82.9	99 1687	27 2306
6640	9.1	47 36.80	2.7334	0.0043	29 15 16.0	17.884	0.188	76.4	101 382 657	29 2465
6641	9.0	13 47 38.23	+2.7933	−0.0028	+24 45 14.7	−17.883	+0.192	84.9	1088 1186	24 2659
6642	8.0	47 47.42	2.7486	0.0039	28 6 42.5	17.877	0.190	78.9	100 1086	28 2274
6643	9.4	47 47.59	2.7629	0.0035	27 2 50.1	17.877	0.191	83.4	99 1806	27 2307
6644	9.0	47 51.35	2.7326	0.0043	29 15 45.7	17.874	0.188	78.1	101 382 657 979	29 2467
6645	8.8	47 54.64	2.7724	0.0033	26 17 46.6	17.872	0.191	82.4	98 840 1688	26 2504
6646	7.8	13 48 27.97	+2.7352	−0.0042	+28 56 37.6	−17.850	+0.189	84.4	1080 1087	29 2471
6647	9.2	48 34.08	2.7770	0.0031	25 50 4.0	17.846	0.192	84.9	759 1526	25 2697
6648	9.1	48 36.93	2.7642	0.0034	26 47 44.8	17.844	0.192	84.1	978 1081 1086	26 2505
6649	8.8	48 38.95	2.7769	0.0031	25 49 22.3	17.843	0.192	84.4	1077 1083 1084 1085	25 2698
6650	9.1	48 49.19	2.7861	0.0028	25 5 16.6	17.836	0.194	80.4	97 981 1082	25 2699

[1] Close double; middle
[2] Z. 202 381 382 657 1084
[3] Z. 759 840 981 1080 1081
[4] » 384 571 654 978 1191
[5] Z. 97 102 659 980 1190

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6651	8.5	13h 50m 10.16	+2.7821	−0.0027	+25° 8′ 33.8	−17.782	+0.195	79.6	5 obs.[1]	25° 2702
6652	7.0	50 24.66	2.7248	0.0042	29 17 5.5	17.772	0.192	80.0	7 obs.[2]	29 2473
6653	9.1	50 24.90	2.7180	0.0043	29 45 44.9	17.772	0.191	79.4	101 840 980	29 2472
6654	6.9	50 25.32	2.7631	0.0032	26 31 53.6	17.771	0.194	78.8	5 obs.[3]	26 2508
6655	9.2	50 31.07	2.7799	0.0027	25 14 10.1	17.767	0.196	88.3	1077 1688	25 2703*
6656	9.2	13 50 47.65	+2.7448	−0.0036	+27 47 8.9	−17.756	+0.194	78.4	99 654 759 760	27 2310
6657	5.0	50 51.59	2.7402	0.0036	28 6 20.1	17.753	0.194	75.7	100 205 658	28 2278
6658	8.8	51 0.65	2.7279	0.0040	28 56 59.6	17.747	0.193	83.4	838 840 1188 1189	29 2475
6659	9.1	51 16.14	2.7742	0.0028	25 32 3.4	17.737	0.197	84.1	978 1078 1082 1084	25 2706*
6660	9.1	51 21.23	2.7773	0.0027	25 17 31.2	17.733	0.197	83.4	839 1083 1085	25 2707*
6661	8.3	13 51 37.13	+2.7531	−0.0032	+27 1 54.7	−17.722	+0.196	76.9	206 384 571 572	27 2312
6662	9.2	51 40.32	2.7195	0.0041	29 24 3.6	17.720	0.193	77.4	101 382 657 761	29 2477
6663	8.0	51 43.14	2.7721	0.0028	25 36 38.4	17.718	0.197	75.4	97 102 659	25 2708
6664	9.0	51 52.72	2.7486	0.0033	27 17 50.7	17.712	0.196	80.2	5 obs.[4]	27 2313
6665	8.9	52 8.80	2.7721	0.0027	25 32 12.4	17.701	0.198	80.9	385 1191	25 2709
6666	9.3	13 52 24.73	+2.7253	−0.0038	+28 51 14.4	−17.690	+0.194	80.4	5 obs.[5]	28 2279
6667	9.2	52 45.30	2.7244	0.0038	28 51 7.1	17.676	0.195	75.7	100 205 655	28 2280
6668	8.9	52 57.83	2.7405	0.0034	27 40 9.3	17.667	0.196	79.9	206 572 979 980	27 2314
6669	6.9	53 8.28	2.7728	0.0026	25 18 9.0	17.660	0.199	77.6	97 102 385 1375	25 2712
6670	8.9	53 20.04	2.7403	0.0033	27 37 4.9	17.652	0.197	79.0	5 obs.[6]	27 2315
6671	7.4[7]	13 53 20.78	+2.7569	−0.0029	+26 25 28.6	−17.651	+0.198	78.1	98 383 386 1278	26 2511
6672	9.3	53 22.15	2.7129	0.0039	29 31 0.1	17.650	0.195	77.4	101 382 657 759	29 2480
6673	9.1	53 23.81	2.7218	0.0037	28 54 0.9	17.649	0.196	81.4	100 978 1081 1087	28 2282
6674	9.0	53 34.88	2.7417	0.0033	27 27 54.0	17.641	0.198	77.4	384 458 572	27 2316
6675	7.5	53 39.21	2.7768	0.0024	24 54 31.5	17.639	0.200	84.1	980 981 1189	25 2713
6676	8.9	13 53 40.94	+2.7702	−0.0026	+25 23 38.5	−17.637	+0.200	82.1	656 979 983	25 2714
6677	9.4	53 48.20	2.7528	0.0030	26 38 28.0	17.632	0.199	78.4	103 979	26 2512
6678	9.2	53 58.95	2.7632	0.0027	25 50 44.0	17.625	0.200	81.6	97 1077 1085 1088	25 2715*
6679	9.1	54 5.21	2.7768	0.0024	24 49 58.9	17.620	0.201	83.4	838 1078 1083	24 2674*
6680	9.3	54 6.90	2.7685	0.0025	25 26 44.2	17.619	0.201	88.4	1080 1688	25 2716*
6681	8.9	13 54 8.56	+2.7345	−0.0034	+27 52 15.7	−17.618	+0.198	76.7	206 384 654	27 2317
6682	9.5	54 11.02	2.7615	0.0027	25 56 5.1	17.616	0.200	73.4	98	26 2513*
6683	9.0	54 16.14	2.7212	0.0036	28 46 3.2	17.613	0.197	79.7	205 839 980	28 2284
6684	8.5	54 22.22	2.7357	0.0033	27 44 43.3	17.608	0.199	76.4	99 459 572	27 2318
6685	9.4	54 23.02	2.7000	0.0040	30 11 19.5	17.608	0.196	84.4	1082 1087	*30 2474*
6686	9.0	13 54 34.23	+2.7163	−0.0036	+29 2 27.8	−17.600	+0.198	82.1	657 978 983	29 2482
6687	9.5	54 45.69	2.7617	0.0026	25 49 10.7	17.592	0.201	74.9	102 385	25 2718
6688	8.9	55 27.09	2.7580	0.0026	25 57 50.4	17.563	0.201	79.4	6 obs.[8]	26 2517
6689	**6.0**	**55 30.36**	**2.7291**	**0.0033**	**27 59 28.3**	**17.561**	**0.200**		**Fund. Cat.**	**28 2287**
6690	7.5	55 40.71	2.7137	0.0035	29 0 52.8	17.553	0.199	80.1	382 657 838 978	29 2483
6691	9.4	13 56 13.20	+2.7223	−0.0033	+28 19 40.7	−17.530	+0.200	76.4	100 205 839	28 2288
6692	9.2	56 52.51	2.7337	0.0029	27 25 6.5	17.503	0.203	76.2	6 obs.[9]	27 2321
6693	7.3	57 6.88	2.7651	0.0022	25 10 6.7	17.492	0.205	76.4	97 385 656	25 2722
6694	7.4	57 30.44	2.7636	0.0022	25 12 1.6	17.475	0.205	79.1	97 656 763 978	25 2723
6695	9.1	57 30.58	2.7432	0.0026	26 38 37.7	17.475	0.204	75.4	98 383 386	26 2518
6696	9.0	13 57 33.91	+2.7145	−0.0033	+28 36 23.3	−17.473	+0.202	78.4	100 655 658 838	28 2289
6697	9.1	57 35.83	2.7695	0.0021	24 45 36.5	17.472	0.206	80.1	102 761 980 983	24 2680*
6698	9.0	57 39.43	2.7172	0.0032	28 24 28.0	17.469	0.202	80.1	100 760 979 983	28 2290
6699	7.5	57 48.08	2.7212	0.0031	28 6 43.2	17.463	0.203	79.0	205 655 978	28 2291
6700	9.2	58 31.85	2.6983	0.0035	29 29 49.9	17.431	0.202	78.4	101 759 840	29 2485

[1] Z. 97 385 656 1080 1081
[2] » 101 382(2) 657 979 1187 1191
[3] » 98 103 383 1186 1190
[4] Z. 99 654 760 763 1373
[5] » 100 656 761 1080 1086
[6] » 99 206 571 841 1376
[7] Close double; north following
[8] Z. 98 103 383 1077 1078 1080
[9] » 99 206 384 458(2) 572

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6701	9.3	13h 58m 46.51	+2.7318	−0.0028	+27° 12′ 7.6	−17.421	+0.205	76.4	6 obs.[1]	27° 2327
6702	8.0	58 51.19	2.6936	0.0035	29 44 38.8	17.417	0.203	84.4	761 1188 1372	29 2486
6703	6.9	59 3.33	2.7425	0.0025	26 25 16.9	17.409	0.206	77.1	98 103 383 1187	26 2521
6704	9.1	59 5.93	2.7643	0.0020	24 52 59.0	17.407	0.207	76.4	97 385 656	24 2684
6705	8.8	59 7.24	2.7420	0.0025	26 26 38.2	17.406	0.206	74.4	98 103 383	26 2522
6706	9.0	13 59 17.12	+2.6903	−0.0035	+29 52 17.7	−17.399	+0.202	85.0	763 839 1802	29 2487
6707	9.0	59 17.32	2.6939	0.0035	29 38 20.5	17.399	0.203	80.9	382 760 979 980	29 2488
6708	8.9	59 43.54	2.7361	0.0026	26 44 50.1	17.379	0.207	84.4	386 1688	26 2523
6709	9.2	14 0 7.78	2.7242	0.0027	27 29 10.9	17.362	0.207	75.4	99 206 384 458	27 2329
6710	9.4	0 11.57	2.7498	0.0022	25 42 57.5	17.359	0.209	76.4	97 384 659	25 2726
6711	9.4	14 0 30.90	+2.7225	−0.0027	+27 31 38.3	−17.345	+0.207	87.4	458 1690 1692	27 2330*
6712	8.0	0 47.25	2.7098	0.0029	28 19 21.3	17.333	0.206	76.6	100 205 655 658	28 2292
6713	9.1	0 48.47	2.6920	0.0033	29 29 0.3	17.332	0.205	81.4	101 1087 1278	29 2490[2]
6714	9.0	0 50.25	2.7396	0.0023	26 18 58.1	17.331	0.209	74.4	98 103 386	26 2525
6715	9.5	0 53.15	2.7539	0.0020	25 18 58.6	17.329	0.210	83.4	840 1188	25 2728
6716	9.3	14 1 5.72	+2.6914	−0.0032	+29 28 3.7	−17.319	+0.206	83.4	760 761 1525	29 2492
6717	9.0	1 12.54	2.7201	0.0026	27 33 58.5	17.314	0.208	77.0	206 571 572	27 2333
6718	7.0	1 19.52	2.6975	0.0031	29 2 3.4	17.309	0.206	79.1	382 762 763	29 2493
6719	9.5	1 21.34	2.6911	0.0032	29 26 23.2	17.308	0.206	73.4	101	29 2494*
6720	8.9	1 28.30	2.6841	0.0033	29 51 53.5	17.303	0.206	83.8	5 obs.[3]	29 2495
6721	9.0	14 1 53.79	+2.6806	−0.0033	+30 0 50.6	−17.284	+0.206	86.4	840 1189 1526 1527	30 2484
6722	9.3	2 5.19	2.6831	0.0032	29 49 1.8	17.275	0.206	87.9	983 1691	29 2496*
6723	8.6	2 6.88	2.7510	0.0019	25 19 3.6	17.274	0.211	74.4	97 102 384	25 2732
6724	8.8	2 24.88	2.7235	0.0024	27 8 3.8	17.261	0.209	74.7	99 206 384	27 2335
6725	8.0	2 30.37	2.7196	0.0025	27 22 16.3	17.257	0.209	92.9	1693 1694 1806 1807	27 2336
6726	6.2	14 2 31.79	+2.7559	−0.0017	+24 54 33.5	−17.256	+0.212	81.6	656 659 762 1376	25 2733
6727	9.5	2 41.61	2.7522	0.0017	25 8 25.2	17.248	0.212	86.9	761 1808	25 2734
6728	9.0	2 51.88	2.6819	0.0032	29 45 18.1	17.241	0.207	80.9	382 760 978 979	29 2498
6729	8.9	2 56.32	2.6845	0.0031	29 34 39.6	17.237	0.207	83.4	838 1082 1083	29 2499
6730	9.5	3 7.02	2.7265	0.0022	26 48 52.5	17.230	0.211	93.4	1809 1810 1811	26 2528
6731	9.3	14 3 12.95	+2.6801	−0.0032	+29 48 20.4	−17.225	+0.207	82.4	839 983	29 2500
6732	8.5	3 38.21	2.7368	0.0020	26 2 4.4	17.206	0.213	88.7	840 1690 1692	26 2529
6733	8.1	3 51.56	2.7144	0.0024	27 29 9.7	17.196	0.211	82.1	654 980 981	27 2340
6734	8.1	4 1.02	2.7298	0.0021	26 26 16.7	17.189	0.213	84.4	1082 1084	26 2530
6735	8.2[4]	4 29.86	2.7172	0.0023	27 11 32.8	17.167	0.212	81.4	838 839	27 2342
6736	5.0	14 4 41.88	+2.7394	−0.0018	+25 41 4.8	−17.158	+0.214		Fund. Cat.	25 2737
6737	9.2	4 43.83	2.6767	0.0030	29 44 51.5	17.157	0.210	86.9	840 1691	29 2503
6738	8.0	4 49.39	2.7005	0.0026	28 13 28.4	17.153	0.212	84.1	983 1087 1088	28 2294
6739	9.0	5 7.88	2.7516	0.0015	24 47 46.9	17.139	0.215	82.1	659 981 983	24 2697
6740	8.9	5 32.21	2.7453	0.0016	25 9 22.4	17.120	0.216	81.1	385 984 985	25 2739
6741	9.1	14 5 35.18	+2.6926	−0.0026	+28 35 48.9	−17.118	+0.212	83.6	838 1081 1083 1086	28 2296
6742	9.0	5 48.68	2.6665	0.0031	30 11 1.3	17.108	0.211	84.1	984 1081 1084 1088	*30 2489**
6743	8.2	5 57.84	2.6911	0.0026	28 37 26.9	17.101	0.212	80.7	100 1082 1085	28 2297
6744	9.5	6 31.90	2.7084	0.0022	27 25 26.2	17.075	0.215	87.4	839 1807	27 2343
6745	9.3	6 50.64	2.6883	0.0025	28 38 41.7	17.060	0.214	80.4	100 761 983 1087	28 2300
6746	7.2[5]	14 6 52.58	+2.6777	−0.0027	+29 18 16.0	−17.059	+0.213	80.7	461 838 986	29 2505
6747	9.0	7 0.28	2.7402	0.0016	25 16 10.3	17.053	0.218	78.4	102 763 839	25 2740
6748	9.3	7 2.02	2.7085	0.0021	27 20 2.1	17.052	0.216	78.9	99 458 760 1086	27 2346
6749	8.9	7 3.93	2.7233	0.0019	26 22 6.7	17.050	0.217	74.9	98 103 383 386	26 2538
6750	9.0	7 7.22	2.7421	0.0015	25 7 18.8	17.048	0.218	81.7	656 659 985 1088	25 2741

[1] Z. 99 206 384 458 571 572
[2] BD α 1m too small
[3] Z. 838 839 980 1282 1283
[4] Close double; preceding
[5] Double; north preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6751	9.5	$14^h\ 7^m\ 8^s.65$	+2ˢ.7022	−0ˢ.0022	+27° 42′ 54″.2	−17ˢ.047	+0ˢ.215	91.4	981 1808 1918 1919	27 2347
6752	8.8	7 11.37	2.7307	0.0018	25 51 49.7	17.044	0.217	84.1	979 1083 1084 1085	25 2742
6753	8.5	7 39.91	2.6923	0.0024	28 15 37.1	17.022	0.215	83.4	840 983 1189	28 2302
6754	7.9	7 58.08	2.7365	0.0015	25 21 47.4	17.009	0.219	77.7	102 659 763	25 2744
6755	8.5	8 3.89	2.7160	0.0019	26 41 5.3	17.004	0.217	83.8	5 obs. [1]	26 2542
6756	7.0[2]	14 8 21.18	+2.6673	−0.0027	+29 41 26.3	−16.991	+0.214	84.4	5 obs. [3]	29 2508
6757	8.5	8 30.86	2.6915	0.0023	28 10 24.5	16.983	0.216	83.2	761 839 1191 1192	28 2304
6758	9.0	8 32.80	2.6858	0.0023	28 31 7.0	16.982	0.216	84.0	5 obs. [4]	28 2305
6759	8.1	8 35.13	2.7054	0.0020	27 16 50.0	16.980	0.217	80.4	5 obs. [5]	27 2349
6760	8.0	8 56.49	2.6661	0.0026	29 40 10.1	16.963	0.215	83.1	840 987 1084	29 2509
6761	8.9	14 9 1.88	+2.7339	−0.0014	+25 22 7.0	−16.959	+0.220	81.4	659 761 840	25 2746
6762	8.5	9 7.77	2.7067	0.0019	27 6 30.4	16.954	0.218	77.7	105 384 987	27 2351
6763	9.0	9 14.38	2.7299	0.0015	25 35 40.3	16.949	0.220	86.1	838 1086 1525 1528	25 2747
6764	9.5	9 14.73	2.7276	0.0015	25 45 0.5	16.949	0.219	84.4	760 1278 1280	25 2748
6765	8.9	9 19.50	2.7227	0.0016	26 3 28.6	16.945	0.219	74.4	98 103 383	26 2544
6766	9.0	14 9 20.53	+2.6658	−0.0026	+29 36 50.6	−16.944	+0.215	84.1	979 1083 1088	29 2510
6767	9.4	9 20.70	2.7349	0.0014	25 15 23.5	16.944	0.220	84.1	102 1189 1806	25 2749
6768	7.0	9 50.79	2.6856	0.0022	28 18 58.7	16.921	0.218	84.1	978 1087 1091	28 2309
6769	8.8	9 54.76	2.6709	0.0024	29 12 35.1	16.918	0.217	80.9	761 838	29 2511
6770	9.1	10 24.28	2.6715	0.0024	29 5 17.7	16.895	0.217	84.9	978 1085 1188 1281	29 2512
6771	8.6	14 10 46.80	+2.7163	−0.0016	+26 14 4.7	−16.877	+0.221	80.1	98 383 1191 1192	26 2546
6772	8.6	10 51.43	2.7008	0.0018	27 12 28.2	16.873	0.220	85.7	6 obs. [6]	27 2354
6773	9.3	10 55.91	2.6623	0.0024	29 33 27.6	16.870	0.217	85.4	1189 1190	29 2514
6774	8.6	10 59.66	2.7111	0.0017	26 31 40.1	16.866	0.221	83.4	838 979 1082 1086	26 2547
6775	8.6	11 0.80	2.6668	0.0024	29 16 38.1	16.866	0.218	84.1	987 1081 1083 1088	29 2515
6776	9.0	14 11 1.83	+2.7078	−0.0017	+26 44 10.7	−16.865	+0.221	74.9	98 386	26 2548
6777	9.1	11 11.24	2.6622	0.0024	29 31 15.9	16.858	0.218	84.0	840 1082 1278	29 2516
6778	8.5	11 14.82	2.7039	0.0018	26 56 49.0	16.855	0.221	74.9	105 384	27 2356
6779	9.0	11 16.41	2.7378	0.0012	24 46 23.0	16.853	0.223	76.4	102 659	24 2712
6780	9.0	11 20.29	2.7330	0.0012	25 4 40.3	16.850	0.223	83.9	985 1086	25 2752
6781	8.7	14 11 35.61	+2.6883	−0.0020	+27 51 46.4	−16.838	+0.220	87.4	9 obs.	27 2357
6782	9.4	11 35.98	2.7084	0.0016	26 36 38.9	16.838	0.222	93.8	1807 1808 1918 1919	26 2551
6783	9.1	11 37.52	2.6676	0.0023	29 7 36.0	16.837	0.219	81.4	461 978 984	29 2518
6784	9.4	12 3.39	2.7314	0.0011	25 4 23.2	16.816	0.224	82.9	102 1691	25 2755*
6785	9.0	12 14.62	2.6820	0.0020	28 9 3.2	16.807	0.221	77.7	100 658 761	28 2312
6786	9.4	14 12 19.98	+2.6876	−0.0019	+27 47 25.5	−16.803	+0.222	78.7	458 571 763	27 2359
6787	9.2	12 26.94	2.6630	0.0022	29 16 12.6	16.797	0.219	84.4	979 980 1281	29 2521
6788	7.8	12 31.57	2.6939	0.0018	27 22 31.6	16.794	0.222	76.8	5 obs. [7]	27 2360
6789	9.1	12 31.97	2.6524	0.0024	29 52 37.8	16.793	0.219	83.4	981 982 983	29 2522
6790	9.1	12 36.38	2.6676	0.0021	28 57 40.3	16.790	0.220	82.4	826 987	29 2523
6791	8.7	14 12 57.80	+2.7167	−0.0013	+25 52 58.2	−16.773	+0.224	76.4	102 208 385 843	25 2757
6792	7.3	13 1.39	2.6657	0.0021	29 0 51.1	16.770	0.220	81.4	5 obs. [8]	29 2524
6793	9.4	13 39.27	2.7100	0.0014	26 11 48.1	16.740	0.225	83.4	980	— —
6794	9.3	13 40.82	2.6980	0.0015	26 56 12.6	16.738	0.224	79.2	6 obs. [9]	27 2363
6795	9.1	13 40.97	2.7330	0.0010	24 44 15.8	16.738	0.227	78.9	208 385 659 1192	24 2718*
6796	8.4	14 14 23.40	+2.7023	−0.0014	+26 33 55.0	−16.704	+0.225	79.2	5 obs. [10]	26 2553
6797	9.0	14 43.69	2.6600	0.0020	29 4 14.6	16.688	0.222	77.9	101 461 761 763	29 2526
6798	8.8	14 45.21	2.6852	0.0016	27 33 46.0	16.686	0.224	76.4	99 384 458 571	27 2366
6799	8.0	14 51.39	2.7212	0.0010	25 19 8.3	16.681	0.228	76.4	102 385 659	25 2759
6800	7.5	14 56.90	2.6915	0.0015	27 8 49.9	16.677	0.225	79.6	5 obs. [11]	27 2367

[1] Z. 103 978 979 1526 1527
[2] Very close double
[3] Z. 985 986 1082 1188 1190
[4] » 760 980 984 1281 1282
[5] Z. 105 384 983 1081 1087
[6] » 384 983 985 1282 1693 1694
[7] » 99 105 206 384 1282
[8] » 98 462 1188 1189 1190
[9] Z. 105 206 458 838 1081 1082
[10] » 98 103 386 1282 1283
[11] » 105 206 978 979 987

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6801	9.0	$14^h\ 15^m\ 7^s.58$	+2ˢ.7180	−0ˢ.0010	+25° 29′ 3″.2	−16″.668	+0″.228	76.4	102 385 656	25° 2761
6802	7.0	15 7.78	2.6992	0.0014	26 38 57.2	16.668	0.226	77.4	5 obs.[1]	26 2554
6803	9.2	15 25.45	2.7110	0.0011	25 52 41.0	16.654	0.228	79.7	208 761 763 985	25 2763
6804	9.2	15 56.80	2.6974	0.0013	26 38 18.8	16.628	0.227	73.4	98 103	26 2556*
6805	9.0	16 15.61	2.6966	0.0013	26 38 8.4	16.613	0.228	84.4	386 1691	26 2557
6806	9.4	14 16 27.54	+2.6831	−0.0015	+27 25 45.5	−16.603	+0.227	74.9	99 105 206 571	27 2368
6807	9.3	16 40.67	2.6612	0.0018	28 41 50.9	16.592	0.225	79.9	100 658 842 1189	28 2316
6808	6.5	16 44.58	2.6396	0.0021	29 56 30.9	16.589	0.224	79.4	101 461 978 979	30 2513
6809	8.9	16 53.51	2.6875	0.0013	27 5 53.7	16.582	0.228	79.4	5 obs.[2]	27 2371
6810	8.0	16 55.00	2.7035	0.0011	26 7 16.6	16.581	0.229	81.4	386 763 980 1191	26 2559
6811	9.0	14 17 2.36	+2.7087	−0.0010	+25 47 4.7	−16.575	+0.229	78.7	385 656 762	25 2765
6812	8.9	17 6.62	2.7148	0.0009	25 23 45.8	16.571	0.230	77.9	102 208 761 985	25 2766
6813	9.3	17 27.77	2.6748	0.0015	27 46 30.9	16.554	0.227	76.4	99 458 571	27 2372
6814	6.1	17 30.13	2.7056	0.0010	25 54 19.4	16.552	0.230	80.2	5 obs.[3]	25 2770
6815	9.4	18 5.56	2.6962	0.0011	26 23 41.7	16.523	0.230	79.4	98 573 1281	26 2561
6816	9.0	14 18 12.38	+2.7215	−0.0006	+24 49 33.6	−16.517	+0.233	92.9	1693 1694 1806 1807	24 2730
6817	8.8	18 14.53	2.7168	0.0007	25 6 45.9	16.515	0.232	83.4	842 1082 1084	25 2773
6818	8.8	18 17.32	2.7055	0.0009	25 47 43.9	16.513	0.231	80.7	102 1083 1085	25 2774
6819	8.0	18 18.66	2.6716	0.0015	27 50 22.3	16.512	0.228	74.4	99 105 384	27 2374
6820	6.5	18 28.57	2.6687	0.0015	27 58 52.1	16.504	0.228	81.6	6 obs.[4]	28 2318
6821	8.0	14 18 34.42	+2.6971	−0.0010	+26 16 23.1	−16.499	+0.231	77.4	103 386 573 842	26 2563
6822	9.3	18 38.99	2.6495	0.0017	29 4 25.6	16.495	0.227	77.1	101 461 765	29 2528
6823	9.0	18 39.23	2.6380	0.0019	29 43 48.8	16.495	0.226	81.2	461 761 979 985	29 2529
6824	9.1	18 44.34	2.7012	0.0009	26 0 3.7	16.490	0.231	84.4	1083 1084 1088	26 2565
6825	9.4	18 47.49	2.6570	0.0016	28 37 7.1	16.488	0.228	81.9	658 1086	28 2320
6826	9.0	14 18 49.96	+2.7123	−0.0008	+25 18 34.8	−16.486	+0.233	80.2	208 656 841 1191	25 2775
6827	8.6	19 8.91	2.6963	0.0010	26 14 26.8	16.470	0.232	80.6	5 obs.[5]	26 2566
6828	9.0	19 27.61	2.6455	0.0017	29 10 50.9	16.454	0.227	77.1	101 461 763	29 2530
6829	9.0	19 32.06	2.6618	0.0015	28 13 38.4	16.451	0.229	77.7	100 655 764	28 2322
6830	8.7	19 32.36	2.6872	0.0011	26 43 40.9	16.450	0.231	78.4	98 761 842	26 2567
6831	9.0	14 20 1.25	+2.6734	−0.0012	+27 28 45.6	−16.426	+0.231	73.7	99 105 206	27 2375
6832	7.5	20 19.86	2.6835	0.0011	26 49 51.9	16.411	0.232	77.6	98 103 573 1192	26 2569
6833	9.1	20 33.36	2.6317	0.0018	29 47 37.4	16.399	0.228	82.7	841 843 1189	29 2533
6834	9.4	20 34.13	2.6896	0.0009	26 26 9.1	16.399	0.233	87.9	981 1691	26 2570*
6835	8.2	20 55.98	2.6832	0.0010	26 46 1.4	16.380	0.233	80.9	6 obs.[6]	26 2572
6836	8.0	14 21 2.79	+2.6582	−0.0014	+28 12 31.4	−16.375	+0.231	80.4	100 658 1084 1086	28 2325
6837	9.0	21 4.04	2.6322	0.0017	29 40 58.0	16.374	0.228	76.1	101 461 462	29 2534
6838	7.5	21 23.61	2.6407	0.0016	29 9 24.2	16.357	0.230	83.2	5 obs.[7]	29 2535
6839	9.5	21 29.34	2.7027	0.0007	25 31 19.4	16.352	0.235	74.4	208	— —
6840	9.1	21 29.70	2.6450	0.0015	28 53 48.9	16.352	0.230	80.1	106 978 985	28 2327
6841	8.4	14 21 30.09	+2.6786	−0.0010	+26 57 22.2	−16.352	+0.234	79.6	6 obs.[8]	27 2378
6842	8.8	21 33.52	2.6684	0.0012	27 32 45.4	16.349	0.233	82.6	5 obs.[9]	27 2379
6843	9.2	21 58.06	2.6733	0.0010	27 12 12.3	16.328	0.234	80.4	571 764 842 843	27 2380
6844	8.9	22 17.58	2.6573	0.0012	28 4 33.9	16.311	0.232	79.8	5 obs.[10]	28 2329
6845	9.0	22 22.36	2.7008	0.0006	25 30 50.0	16.307	0.236	74.7	102 208 385	25 2780
6846	8.0	14 22 26.27	+2.6731	−0.0010	+27 9 7.4	−16.304	+0.234	77.1	99 105 384 1192	27 2382
6847	7.2	22 30.92	2.6258	0.0016	29 49 28.1	16.300	0.230	76.1	101 461 462	29 2538
6848	8.0	22 39.82	2.7075	0.0004	25 4 24.7	16.293	0.238	77.4	102 656 659	25 2782
6849	8.9	22 44.98	2.6774	0.0009	26 50 57.7	16.288	0.235	76.1	98 386 573	26 2574
6850	7.5	23 1.11	2.6419	0.0014	28 50 57.8	16.275	0.232	78.4	100 658 762 765	28 2331

[1] Z. 98 103 386 573 1192
[2] » 105 206 384 1282 1283
[3] » 102 385 656 1192 1286
[4] » 100 655 658 1189 1190 1284
[5] Z. 103 386 762 1282 1283
[6] » 760 761 762 763 765 985
[7] » 762 765 1083 1190 1191
[8] Z. 99 105 458 1083 1085 1087
[9] » 384 458 1281 1282 1283
[10] » 100 658 763 841 1086

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
6851	7.0	$14^h\ 23^m\ 3^s.05$	+2ˢ.6418	−0ˢ.0014	+28° 51′ 0″.7	−16″.273	+0″.232	78.1	106 762 765	28° 2332
6852	7.0	23 10.45	2.6838	0.0008	26 24 50.0	16.267	0.236	80.1	386 763 981	26 2575
6853	9.2	23 42.02	2.6175	0.0015	30 5 53.4	16.240	0.231	83.4	842 1084 1085	*30 2527*
6854	9.0	23 46.65	2.6672	0.0009	27 17 57.6	16.235	0.235	79.1	458 571 843	27 2383
6855	9.3	23 46.80	2.6333	0.0014	29 13 12.7	16.235	0.232	82.0	7 obs.	29 2539
6856	9.0	14 23 54.29	+2.6694	−0.0008	+27 9 18.6	−16.229	+0.236	79.8	5 obs. [1]	27 2384
6857	9.5	23 54.71	2.6355	0.0013	29 5 0.5	16.229	0.233	75.4	101 462	— —
6858	9.0	24 3.90	2.6905	0.0006	25 53 42.1	16.221	0.237	76.7	102 385 763	25 2784
6859	9.0	24 38.26	2.6713	0.0008	26 56 40.7	16.191	0.237	81.4	5 obs. [2]	27 2385
6860	9.1	24 46.37	2.6319	0.0013	29 8 50.0	16.184	0.234	82.1	101 841 1631	29 2542
6861	8.3	14 24 51.82	+2.6929	−0.0004	+25 38 46.2	−16.180	+0.239	81.9	659 843 981 984	25 2786
6862	9.0	25 33.96	2.6404	0.0012	28 33 52.3	16.143	0.235	80.6	100 762 1084 1085	28 2335
6863	9.1	25 36.35	2.7016	0.0002	25 2 25.7	16.141	0.241	80.4	763	25 2789*
6864	9.4	25 38.32	2.6512	0.0010	27 57 0.2	16.140	0.236	82.4	842 985	28 2336
6865	9.0	25 39.56	2.7008	0.0002	25 4 39.8	16.138	0.241	76.4	102 659	25 2790
6866	9.4	14 25 42.92	+2.6915	−0.0004	+25 37 27.4	−16.136	+0.240	87.4	841 1807	25 2791
6867	9.2	25 45.20	2.6683	0.0007	26 57 55.0	16.134	0.238	81.7	458 987 1087	27 2387
6868	9.0	25 50.19	2.7014	0.0002	25 1 17.4	16.129	0.241	84.4	760 763 1695	25 2792
6869	8.3	25 55.86	2.6437	0.0011	28 19 53.2	16.124	0.236	80.4	5 obs. [3]	28 2338
6870	9.4	26 13.54	2.6233	0.0013	29 24 45.5	16.109	0.235	81.4	101 1527	29 2544
6871	9.0	14 26 32.80	+2.6266	−0.0012	+29 11 25.6	−16.092	+0.235	92.9	1693 1696 1808 1809	29 2545
6872	9.3	26 47.52	2.6171	0.0012	29 40 17.7	16.079	0.235	82.9	101 1698	29 2546*
6873	6.2	26 48.26	2.6610	0.0007	27 13 51.0	16.079	0.239	83.8	5 obs. [4]	27 2388
6874	9.4	27 20.90	2.6881	0.0003	25 35 51.5	16.050	0.242	79.8	5 obs. [5]	25 2794
6875	8.8	27 27.73	2.6529	0.0008	27 36 2.1	16.044	0.239	80.4	387 458 980 1087	27 2391
6876	9.0	14 27 46.42	+2.6455	−0.0008	+27 57 55.7	−16.028	+0.239	78.4	5 obs. [6]	28 2342
6877	9.1	28 12.31	2.6780	0.0004	26 4 38.0	16.005	0.242	80.4	762 765	26 2578*
6878	9.3	28 16.75	2.6202	0.0011	29 17 14.0	16.001	0.237	81.4	841	— —
6879	9.5	28 17.13	2.6443	0.0008	27 58 10.9	16.001	0.239	73.4	100	28 2343*
6880	9.2	28 17.45	2.6784	0.0004	26 2 40.7	16.001	0.242	90.9	1575 1696	26 2579
6881	8.7	14 28 18.68	+2.6131	−0.0011	+29 40 10.7	−16.000	+0.237	80.2	101 763 981 985	29 2550
6882	9.0	28 23.22	2.6200	0.0011	29 17 2.4	15.996	0.237	84.0	7 obs.	29 2551
6883	9.0	28 28.87	2.6715	0.0004	26 24 34.9	15.991	0.242	85.4	980 984 1282 1458	26 2580
6884	8.8	28 30.18	2.6175	0.0011	29 24 12.7	15.989	0.237	79.4	462 464 983	29 2552
6885	9.2	28 31.73	2.6779	0.0003	26 2 37.0	15.988	0.243	80.2	386 760 761 987	26 2581
6886	8.1	14 28 43.48	+2.6965	0.0000	+24 56 29.3	−15.978	+0.245	78.2	102 385 659 988	25 2796
6887	9.1	28 47.60	2.6605	−0.0005	26 59 28.8	15.974	0.242	75.8	5 obs. [7]	27 2394
6888	8.1	28 48.78	2.6962	0.0000	24 56 58.1	15.973	0.245	79.2	6 obs. [8]	25 2797
6889	8.1	28 49.14	2.6235	−0.0010	29 2 19.8	15.973	0.238	83.4	843 981 1089 1090	29 2553
6890	8.6	28 49.86	2.6071	−0.0012	29 55 4.0	15.972	0.237	92.9	1693 1695 1806 1807	30 2535
6891	9.5	14 28 56.42	+2.6156	−0.0011	+29 26 44.5	−15.966	+0.238	87.4	1191 1528	29 2554
6892	9.0	29 10.31	2.6948	0.0000	24 59 13.5	15.954	0.245	83.4	763 1089 1192	25 2799
6893	8.9	29 12.81	2.6281	−0.0009	28 43 57.0	15.952	0.239	80.7	106 1085 1088	28 2345
6894	8.0	29 16.45	2.6240	−0.0010	28 56 38.2	15.949	0.238	85.0	5 obs. [9]	29 2555
6895	9.1	29 19.17	2.6399	−0.0008	28 4 19.5	15.946	0.240	81.0	5 obs. [10]	28 2346
6896	8.8	14 29 28.07	+2.6419	−0.0008	+27 56 20.0	−15.938	+0.240	80.1	100 985 986	28 2347
6897	9.1	29 36.84	2.6903	0.0000	25 11 14.9	15.931	0.245	84.4	981 1189	25 2800
6898	9.5	29 42.15	2.6211	−0.0009	29 2 36.4	15.926	0.239	83.4	101 1811	29 2556
6899	9.4	30 15.39	2.6803	−0.0001	25 40 56.5	15.896	0.245	80.2	208 385 843 1458	25 2801
6900	8.0	30 16.33	2.6836	−0.0001	25 29 16.6	15.896	0.245	83.8	5 obs. [11]	25 2802

[1] Z. 99 105 982 983 1189
[2] » 384 458 982 983 1282
[3] » 106 658 762 1086 1088
[4] » 387 1084 1085 1086 1528
[5] Z. 102 659 842 843 985
[6] » 100 106 658 826 1088
[7] » 99 105 384 458 571
[8] » 102 385 659 842 843 988
[9] Z. 461 762 1087 1631 1632
[10] » 106 658 982 987 1190
[11] » 659 983 984 1284 1285

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6901	8.3	14h 30m 18s.18	+2s.6961	0s.0000	+24° 45′ 57″.8	−15″.894	+0″.247	82.4	841 988	24° 2743
6902	9.2	30 19.91	2.6191	−0.0009	29 4 6.4	15.892	0.240	82.9	98 1691	— —
6903	9.3	30 27.32	2.6874	0.0000	25 14 46.2	15.886	0.246	82.4	761 764 1086 1087	25 2803
6904	8.4	30 32.55	2.6571	−0.0004	26 57 17.3	15.881	0.244	75.4	5 obs.[1]	27 2396
6905	7.0	30 54.92	2.6367	−0.0006	28 1 49.6	15.861	0.242	79.2	106 658 765 987	28 2348
6906	9.0	14 31 8.92	+2.6174	−0.0008	+29 2 16.9	−15.848	+0.241	76.1	101 461 462	29 2557
6907	7.4	31 17.63	2.6898	+0.0001	25 0 29.0	15.841	0.247	74.7	102 208 385	25 2804
6908	9.0	31 24.86	2.6645	−0.0002	26 26 12.2	15.834	0.245	76.1	104 386 573	26 2586
6909	8.4	31 28.73	2.6288	−0.0007	28 22 48.3	15.831	0.242	80.9	763 765 842 843	28 2349
6910	9.6	31 29.38	2.6489	−0.0004	27 16 56.2	15.831	0.244	76.1	99 105 458 764	27 2399
6911	8.5	14 31 33.93	+2.6256	−0.0007	+28 32 39.0	−15.826	+0.242	82.1	658 986 988	28 2350
6912	var.[2]	31 40.81	2.6485	−0.0004	27 16 47.1	15.820	0.244	81.2	458 762 982 983	27 2400
6913	9.0	31 51.63	2.6151	−0.0008	29 4 8.2	15.811	0.242	82.2	5 obs.[3]	29 2560
6914	8.4	32 16.17	2.6211	−0.0007	28 41 26.0	15.788	0.243	83.7	763 842 1284 1285	28 2351
6915	8.5	32 41.70	2.6747	0.0000	25 41 56.3	15.765	0.248	76.4	102 385 659	25 2806
6916	9.3	14 32 54.86	+2.6522	−0.0003	+26 54 56.3	−15.754	+0.246	83.2	6 obs.[4]	27 2401
6917	9.0	33 0.06	2.6046	−0.0008	29 28 14.6	15.749	0.242	83.4	461 762 985 1691	29 2562
6918	9.5	33 5.05	2.6778	+0.0001	25 28 26.5	15.744	0.249	84.0	5 obs.[5]	25 2807
6919	9.5	33 7.70	2.5937	−0.0009	30 1 23.6	15.742	0.241	91.4	1527 1809	30 2540
6920	8.3	33 11.44	2.6835	+0.0002	25 8 8.6	15.739	0.249	78.2	102 208 385 1458	25 2808
6921	7.9	14 33 18.89	+2.6184	−0.0006	+28 41 49.6	−15.732	+0.244	79.9	106 658 982 986	28 2352
6922	8.6	33 38.80	2.6500	−0.0002	26 56 42.8	15.714	0.247	76.1	99 384 387 571	27 2403
6923	8.2	33 49.31	2.6424	−0.0003	27 20 48.6	15.704	0.246	74.4	99 105 387	27 2404
6924	9.5	33 56.05	2.6099	−0.0006	29 3 45.7	15.698	0.244	82.9	101 1693	— —
6925	9.3	34 15.97	2.6854	+0.0002	24 53 38.2	15.680	0.250	73.4	102	24 2753*
6926	9.3	14 34 34.02	+2.6244	−0.0004	+28 12 35.1	−15.664	+0.245	83.4	987	28 2354*
6927	9.3	34 34.31	2.6089	−0.0006	29 1 41.8	15.664	0.245	80.4	5 obs.[6]	29 2564
6928	9.3	34 34.73	2.6588	0.0000	26 20 48.0	15.663	0.249	78.4	573	— —
6929	8.2	34 42.25	2.6098	−0.0006	28 57 52.4	15.656	0.245	81.4	6 obs.[7]	29 2565
6930	8.3	34 47.59	2.6583	0.0000	26 20 50.4	15.651	0.249	76.1	104 386 573	26 2590
6931	8.3	14 34 51.82	+2.5985	−0.0007	+29 31 49.2	−15.647	+0.244	83.2	5 obs.[8]	29 2566
6932	8.6	35 6.49	2.6282	−0.0004	27 56 14.8	15.634	0.246	83.4	5 obs.[9]	28 2356
6933	8.6	35 28.04	2.6512	0.0000	26 39 6.4	15.614	0.249	79.4	386 763 843	26 2591
6934	9.1	35 34.98	2.6089	−0.0005	28 53 55.0	15.608	0.246	82.8	10 obs.	28 2358
6935	8.6	35 40.38	2.5886	−0.0007	29 55 45.7	15.603	0.244	82.2	5 obs.[10]	30 2549
6936	9.4	14 35 46.69	+2.6834	+0.0004	+24 50 14.2	−15.597	+0.253	74.7	102 208 385	24 2759
6937	7.7	35 58.08	2.5944	−0.0006	29 36 0.4	15.587	0.245	77.1	101 461 762	29 2568
6938	9.5	36 10.12	2.6687	+0.0002	25 36 10.2	15.576	0.252	89.9	1281 1813	25 2815
6939	8.6	36 11.08	2.6183	−0.0004	28 19 25.1	15.575	0.248	80.9	106 1458	28 2360
6940	7.5	36 11.56	2.6782	+0.0004	25 4 27.4	15.574	0.253	78.7	385 659 765	25 2816
6941	7.9	14 36 18.02	+2.6518	0.0000	+26 31 4.1	−15.568	+0.250	74.7	104 210(2) 386	26 2592
6942	9.0	36 44.55	2.6772	+0.0004	25 3 51.4	15.544	0.254	80.8	659 841 844	25 2817
6943	9.4	37 4.53	2.6519	+0.0001	26 24 56.6	15.526	0.251	79.4	104 842 985	26 2594
6944	8.9	37 23.06	2.6693	+0.0003	25 25 34.8	15.509	0.253	77.4	208 385 843	25 2819
6945	8.9	37 29.61	2.6777	+0.0004	24 56 44.9	15.502	0.255	84.0	5 obs.[11]	25 2820
6946	8.1	14 37 29.73	+2.5900	−0.0005	+29 37 14.0	−15.502	+0.246	81.4	461 979 983	29 2570
6947	8.7	37 44.96	2.6666	+0.0003	25 31 59.9	15.488	0.254	81.9	659 844 982 986	25 2821
6948	9.0	37 52.90	2.6339	−0.0001	27 16 53.1	15.481	0.251	74.7	99 105 458	27 2411
6949	8.5	37 54.59	2.6356	0.0000	27 11 23.3	15.479	0.251	79.4	571 660 764	27 2412
6950	5.9	37 55.69	2.6380	0.0000	27 3 37.1	15.478	0.251	80.4	105 981 1085	27 2413

[1] Z. 99 105 384 387 458
[2] R Bootis (obs. 8m.0)
[3] Z. 462 761 1084 1085 1086
[4] » 571 843 984 1189 1191 1192
[5] Z. 208 1280 1281 1282 1283
[6] » 461 760 841 842 843
[7] » 462 464 762 842 979 1459
[8] » 462 765 842 843 1632
[9] Z. 658 844 1189 1190 1191
[10] » 461 462 982 1284 1285
[11] » 765 981 1189 1190 1191

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
6951	9.4	14h 37m 58s.07	+2s.6709	+0s.0004	+25° 15′ 55″.2	−15″.476	+0″.254	78.7	104 841 843	25° 2823
6952	9.3	38 10.02	2.5867	−0.0005	29 41 53.3	15.465	0.247	82.7	461 762 984 1528	29 2573
6953	9.5	38 27.24	2.5861	−0.0005	29 41 51.5	15.449	0.247	86.9	760 1811	29 2574
6954	9.0	38 32.52	2.6185	−0.0001	28 1 16.0	15.444	0.251	80.1	106 982 983	28 2363
6955	9.0	39 1.38	2.6328	+0.0001	27 12 30.3	15.417	0.253	83.4	985 988	27 2415
6956	8.4	14 39 10.71	+2.6678	+0.0005	+25 17 32.5	−15.409	+0.256	75.4	208 385	25 2826
6957	2.3	39 31.63	2.6241	0.0000	27 36 8.1	15.389	0.252	88.2	6 obs.[1]	27 2417
6958	8.2	39 32.33	2.6682	−0.0005	25 14 8.6	15.388	0.256	80.1	659 762 765	25 2829
6959	9.0	40 0.53	2.5819	−0.0003	29 42 33.3	15.362	0.249	81.8	5 obs.[2]	29 2575
6960	8.0	40 36.38	2.6131	0.0000	28 2 24.0	15.328	0.253	76.4	2 106 983	28 2365
6961	8.9	14 40 52.69	+2.5728	−0.0004	+30 2 56.8	−15.313	+0.249	82.4	461 462 984 1632	30 2568
6962	8.2	40 56.96	2.6422	+0.0003	26 28 30.1	15.309	0.256	74.4	104 108 386	26 2598
6963	8.0	40 58.37	2.6047	−0.0001	28 25 44.8	15.308	0.252	80.4	5 obs.[3]	28 2366
6964	8.7	41 10.54	2.6671	+0.0006	25 6 25.0	15.296	0.258	76.7	208 385 659	25 2831
6965	9.4	41 20.87	2.6339	+0.0002	26 51 59.5	15.286	0.255	78.8	210 764 842	26 2599
6966	9.5	14 41 48.96	+2.5903	−0.0001	+29 3 31.7	−15.260	+0.252	93.4	1808 1809	29 2578
6967	9.0	41 53.95	2.5992	0.0000	28 35 39.4	15.255	0.253	78.3	2 658 765 844	28 2367
6968	8.4	41 58.13	2.5962	−0.0001	28 44 12.5	15.251	0.253	82.7	762 982 1085	28 2368
6969	9.0	42 1.23	2.6185	+0.0002	27 35 19.2	15.248	0.255	75.4	99 212 387 460	27 2421
6970	9.4	42 18.43	2.6345	+0.0004	26 43 13.5	15.232	0.257	78.9	210 386 841 984	26 2602
6971	8.3	14 42 19.26	+2.6482	+0.0005	+25 59 41.3	−15.231	+0.258	81.4	8 obs.	26 2603
6972	8.5	42 23.73	2.6674	+0.0007	24 57 25.8	15.227	0.259	90.4	1458 1691	25 2835
6973	9.4	42 25.54	2.6069	+0.0001	28 8 24.8	15.225	0.254	83.4	843 1192	28 2369
6974	8.7	42 31.00	2.6081	+0.0001	28 4 8.8	15.220	0.254	81.4	106 983 987 1190	28 2370
6975	9.4	42 39.02	2.6380	+0.0004	26 29 35.6	15.212	0.258	87.9	985 1696	26 2605
6976	6.1	14 42 50.71	+2.6677	+0.0007	+24 53 15.4	−15.201	+0.260	80.1	385 659 1086	24 2779
6977	9.3	42 58.63	2.6630	+0.0007	25 7 15.1	15.194	0.260	86.9	843 1692	25 2837
6978	9.5	43 7.16	2.5909	−0.0001	28 51 57.8	15.186	0.253	83.4	764 1283	28 2371
6979	8.5	43 14.89	2.6628	+0.0007	25 6 20.6	15.178	0.260	84.4	1086 1088 1090	25 2838
6980	9.1	43 15.73	2.6676	+0.0007	24 51 3.9	15.177	0.260	81.1	763 842 844	24 2781
6981	8.8	14 43 32.45	+2.6410	+0.0005	+26 14 5.2	−15.161	+0.259	78.7	104 108 766 1377	26 2606
6982	8.9[4]	43 36.52	2.6266	+0.0004	26 58 48.1	15.158	0.258	77.2	5 obs.[5]	27 2423
6983	6.8	43 43.55	2.6512	+0.0006	25 40 18.6	15.151	0.260	74.7	102 208 385	25 2839
6984	9.5	43 43.77	2.5671	−0.0002	29 58 9.2	15.151	0.252	76.1	101 461 462	30 2571
6985	8.7	43 54.20	2.6336	+0.0005	26 34 42.2	15.141	0.259	77.8	210 573 765	26 2607
6986	8.4	14 44 20.44	+2.6384	+0.0005	+26 16 50.3	−15.116	+0.260	75.7	108 210 386 573	26 2608
6987	7.0	44 24.31	2.6580	+0.0008	25 14 22.2	15.112	0.261	78.7	102 385 659 1191	25 2841
6988	9.3	44 31.07	2.6015	+0.0002	28 9 35.4	15.105	0.256	82.7	658 841 1087 1190	28 2373
6989	6.2	44 35.54	2.5819	+0.0001	29 8 4.1	15.101	0.255	79.4	461 462 464 1192	29 2581
6990	9.4	45 3.24	2.5732	0.0000	29 30 43.4	15.074	0.254	81.4	462 842 983 985	29 2582
6991	9.5	14 45 13.27	+2.5771	0.0000	+29 18 2.5	−15.065	+0.255	73.4	101	— —
6992	9.2	45 14.03	2.5856	+0.0001	28 52 31.9	15.064	0.255	86.4	765 1691	28 2374[*]
6993	9.4	45 36.04	2.5738	0.0000	29 24 41.3	15.043	0.255	79.7	461 764 843	29 2584
6994	9.1	45 45.60	2.5764	0.0000	29 15 36.2	15.034	0.255	81.2	101 766 982 1377	29 2585
6995	9.4	45 59.40	2.5748	0.0000	29 18 53.5	15.020	0.255	81.9	765 983	29 2587[*]
6996	8.9	14 46 8.45	+2.6275	+0.0006	+26 38 33.1	−15.012	+0.261	76.0	5 obs.[6]	26 2614
6997	8.7	46 16.26	2.6535	+0.0008	25 16 14.9	15.004	0.263	76.2	102 208(2) 385 659(2)	25 2842
6998	9.4	46 22.85	2.5740	+0.0001	29 18 38.8	14.998	0.256	86.9	843 1696	— —
6999	8.9	46 31.81	2.5591	0.0000	30 1 6.8	14.989	0.255	82.8	841 844 1190	30 2577
7000	9.1	46 55.52	2.6064	+0.0004	27 37 54.7	14.966	0.260	74.7	99 211 212 387	27 2426

[1] Z. 1377 1378 1380 1458 1459 1527
[2] » 765 842 843 844 1085
[3] Z. 106 762 841 985 987
[4] Double; south following
[5] Z. 99 212 387 460 1087
[6] » 104 108 386 573 574

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7001	9.5	14h 47m 10.82	+2.5770	+0.0002	+29° 3' 48".4	−14".951	+0".257	77.4	461	29° 2589*
7002	9.3	47 19.78	2.6069	0.0005	27 33 43.9	14.942	0.260	80.2	5 obs.[1]	27 2429
7003	8.3	47 21.08	2.5621	0.0001	29 46 14.5	14.941	0.256	81.9	464 766 844 1459	29 2590
7004	8.0	47 22.21	2.5978	0.0004	28 0 38.1	14.940	0.259	78.6	7 obs.	28 2377
7005	7.8	47 26.00	2.6181	0.0005	26 58 40.0	14.936	0.261	81.4	7 obs.	27 2430
7006	9.4	14 47 28.98	+2.5856	+0.0003	+28 36 32.4	−14.933	+0.258	84.4	987 1192	28 2378
7007	9.1	47 37.83	2.5775	0.0003	28 59 27.1	14.925	0.258	82.9	101 1691	29 2591*
7008	8.0	47 50.74	2.5763	0.0003	29 1 3.1	14.912	0.258	83.4	6 obs.[2]	29 2592
7009	9.5	47 56.01	2.6158	0.0006	27 2 25.5	14.907	0.262	81.7	764 841 985	27 2432
7010	8.6	48 8.10	2.6483	0.0009	25 20 25.2	14.895	0.265	76.2	102 104 385 843	25 2845
7011	9.4	14 48 13.07	+2.5945	+0.0004	+28 4 43.2	−14.890	+0.260	78.7	2 764 765 842	28 2379
7012	9.5	48 20.23	2.5835	0.0004	28 36 34.8	14.883	0.259	73.4	106	— —
7013	9.5	48 43.22	2.6328	0.0008	26 4 59.3	14.861	0.265	83.4	984	26 2621*
7014	9.0	49 15.39	2.6075	0.0006	27 18 41.2	14.829	0.263	77.4	99 211 387 1190	27 2434
7015	8.3	49 17.45	2.6133	0.0006	27 0 44.2	14.827	0.263	79.8	6 obs.[3]	27 2435
7016	9.5	14 49 22.71	+2.6414	+0.0009	+25 34 11.3	−14.822	+0.266	73.4	102	25 2848*
7017	9.5	49 27.29	2.6080	0.0006	27 15 47.9	14.818	0.263	73.4	99	— —
7018	8.6	49 40.94	2.6308	0.0009	26 5 4.8	14.804	0.266	79.0	9 obs.	26 2623
7019	8.7	49 48.77	2.5904	0.0005	28 6 0.6	14.797	0.262	74.9	2 106 213 658	28 2381
7020	9.2	49 49.04	2.5605	0.0003	29 33 26.2	14.796	0.259	86.9	843 1692	29 2597
7021	9.4	14 50 25.99	+2.6044	+0.0007	+27 20 20.5	−14.760	+0.264	77.4	460	27 2437*
7022	6.7	50 28.46	2.6521	0.0011	24 53 36.2	14.757	0.268	84.4	1086 1087	24 2798
7023	9.2	50 35.57	2.5540	0.0003	29 46 44.3	14.750	0.259	77.2	101 461 462 764	29 2598*
7024	8.2	50 40.10	2.6382	0.0010	25 35 32.9	14.746	0.267	78.4	5 obs.[4]	25 2850
7025	8.3	50 57.28	2.5488	0.0003	29 58 49.4	14.729	0.258	78.9	101 464 842 985	30 2587
7026	9.0	14 51 8.09	+2.5660	+0.0004	+29 8 25.5	−14.718	+0.261	83.4	845 1088 1089	29 2599
7027	8.8	51 12.43	2.5672	0.0004	29 4 11.9	14.714	0.261	79.4	461 462 464 1192	29 2600
7028	9.4	51 20.70	2.5467	0.0003	30 2 19.5	14.706	0.259	80.4	764 765	30 2590*
7029	8.5	51 24.21	2.6422	0.0011	25 18 47.0	14.702	0.269	78.0	208 (2) 385 659 1191	25 2851
7030	8.9	51 25.46	2.6202	0.0009	26 26 10.9	14.701	0.267	77.7	108 210 386 1283	26 2626
7031	9.0	14 51 27.96	+2.6230	+0.0009	+26 16 59.3	−14.699	+0.267	82.4	841 844 1089	26 2625
7032	7.5	51 54.94	2.6311	0.0010	25 49 35.1	14.672	0.268	77.6	5 obs.[5]	25 2853
7033	9.3	51 59.32	2.6423	0.0012	25 14 38.2	14.667	0.270	82.4	659 842 843 1377	25 2854
7034	9.5	52 4.76	2.5694	0.0005	28 51 56.6	14.662	0.262	75.4	2 106 765	28 2384
7035	7.5	52 11.63	2.6432	0.0012	25 10 35.2	14.655	0.270	81.2	5 obs.[6]	25 2855
7036	8.0	14 52 32.83	+2.5451	+0.0004	+29 58 15.7	−14.634	+0.260	78.4	5 obs.[7]	30 2591
7037	7.0	52 47.51	2.5995	0.0008	27 19 6.3	14.619	0.266	78.3	8 obs.	27 2438
7038	9.1	53 15.62	2.5595	0.0005	29 12 36.4	14.591	0.262	87.9	984 1691	29 2604*
7039	7.0	53 20.46	2.6337	0.0011	25 32 54.8	14.586	0.270	79.0	5 obs.[8]	25 2856
7040	8.8	53 42.67	2.5879	0.0007	27 47 20.0	14.564	0.266	74.4	99 108 387	27 2440
7041	9.0	14 54 9.12	+2.5873	+0.0008	+27 46 20.6	−14.538	+0.266	74.7	99 211 212 387	27 2441
7042	8.3	54 29.06	2.5889	0.0008	27 39 24.2	14.518	0.266	81.1	460 660 1283	27 2442
7043	9.3	54 55.41	2.6123	0.0011	26 27 39.8	14.491	0.270	82.9	108 1692	26 2637*
7044	9.1	55 17.28	2.6103	0.0011	26 31 14.4	14.469	0.270	76.1	108 386 573	26 2638
7045	8.0	55 27.35	2.5569	0.0006	29 5 12.5	14.459	0.264	77.9	6 obs.[9]	29 2609
7046	8.7	14 55 28.28	+2.6145	+0.0011	+26 17 39.1	−14.458	+0.271	79.1	6 obs.[10]	26 2640
7047	9.4	55 57.97	2.6271	0.0013	25 36 39.3	14.428	0.273	74.7	102 208 385	25 2859
7048	8.9	56 3.90	2.5359	0.0006	29 59 58.6	14.422	0.263	93.0	5 obs.[11]	30 2601
7049	8.9	56 28.20	2.6308	0.0013	25 22 25.3	14.397	0.274	82.1	6 obs.[12]	25 2860
7050	4.8	56 37.99	2.6280	0.0013	25 30 12.1	14.387	0.274	82.0	5 obs.[13]	25 2861

[1] Z. 99 460 842 984 1191
[2] » 101 462 982 1377 1527 1528
[3] » 212 387 460 660 1191 1192
[4] » 102 385 659 841 844
[5] » 102 293 385 466 1190
[6] Z. 102 385 466 1527 1528
[7] » 101 461 462 766 984
[8] » 102 104 466 1191 1192
[9] » 3 101 461 841 842 843
[10] Z. 210(2) 386 574 1191 1192
[11] » 1693 1695 1808 1810 1811
[12] » 659 765 766 844 987 1377
[13] » 385 659 1087 1088 1190

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
7051	9.4	14h 56m 42s.31	+2s.5522	+0s.0007	+29° 10′ 21″.4	−14″.383	+0″.265	78.6	7 obs.	29° 2611
7052	8.6	56 45.48	2.6405	0.0014	24 51 27.1	14.380	0.275	81.9	102 982 983 1379	24 2811
7053	8.9	56 53.93	2.5432	0.0006	29 33 53.7	14.371	0.265	85.7	843 1089 1378 1528	29 2612
7054	8.8	57 14.00	2.5776	0.0009	27 54 39.0	14.351	0.268	79.4	99 844 983	27 2445
7055	9.0	57 14.72	2.5732	0.0009	28 7 7.6	14.350	0.268	78.4	2 658 988	28 2389
7056	8.3	14 57 26.24	+2.6289	+0.0014	+25 22 25.1	−14.338	+0.274	82.6	5 obs.[1]	25 2863
7057	9.3	57 45.45	2.5994	0.0011	26 48 14.0	14.319	0.272	78.4	386 574 764	26 2644
7058	7.0	57 46.41	2.5585	0.0008	28 45 29.6	14.318	0.267	82.7	658 843 1091 1191	28 2391
7059	8.9	58 0.10	2.5351	0.0007	29 49 18.1	14.304	0.265	78.9	101 462 842 985	29 2614
7060	9.1	58 0.29	2.6169	0.0013	25 55 5.1	14.304	0.274	77.7	102 659 763	25 2864
7061	7.6	14 58 23.79	+2.6036	+0.0012	+26 31 44.8	−14.279	+0.273	78.1	386 574 661	26 2646
7062	7.2	58 26.56	2.5821	0.0011	27 34 15.9	14.276	0.271	82.8	5 obs.[2]	27 2446
7063	8.8	58 30.39	2.5586	0.0009	28 40 42.2	14.273	0.268	76.9	2 841	28 2392
7064	9.0	58 50.64	2.5320	0.0007	29 52 33.1	14.252	0.266	83.2	5 obs.[3]	29 2617
7065	9.0	58 54.74	2.5188	0.0006	30 28 2.3	14.248	0.265	87.9	983 1692	*30 2608*
7066	7.9	14 58 58.61	+2.5383	+0.0008	+29 34 1.2	−14.244	+0.267	81.2	3 987 1088 1093	29 2618
7067	**4.3**	**59 5.38**	**2.5834**	**0.0011**	**27 26 9.8**	**14.236**	**0.271**		**Fund. Cat.**	**27 2447**
7068	9.3	59 7.47	2.5594	0.0009	28 34 32.9	14.235	0.269	81.9	764 988	28 2395
7069	9.3	59 8.77	2.5700	0.0010	28 4 27.8	14.233	0.270	80.7	658 841 842	28 2396
7070	8.5	59 16.66	2.6304	0.0015	25 7 23.8	14.225	0.276	78.1	102 385 1092	25 2867
7071	8.0	14 59 19.09	+2.6136	+0.0013	+25 57 1.9	−14.223	+0.274	78.1	386 574 661	26 2647
7072	9.4	59 29.30	2.6329	0.0015	24 58 20.3	14.212	0.276	84.4	1089	25 2868*
7073	9.1	59 38.47	2.6323	0.0016	24 59 27.4	14.203	0.277	87.9	985 1693	25 2869
7074	9.4	15 0 7.31	2.6152	0.0014	25 47 43.9	14.173	0.275	88.9	1191 1696	25 2870*
7075	9.4	0 9.97	2.5697	0.0011	27 58 40.5	14.170	0.271	77.4	2 658 764	28 2398
7076	8.0	15 0 47.86	+2.5359	+0.0009	+29 29 2.4	−14.131	+0.268	81.4	843 844	29 2621
7077	8.8	0 49.95	2.6213	0.0015	25 25 23.7	14.129	0.277	77.2	102 385 659(2)	25 2871
7078	8.4	0 52.09	2.5262	0.0008	29 54 59.8	14.127	0.267	75.4	5 obs.[4]	29 2622
7079	8.3	0 57.34	2.5902	0.0013	26 55 20.0	14.121	0.274	74.8	99 212 387	27 2450
7080	8.4	1 8.38	2.5309	0.0009	29 40 36.8	14.110	0.268	81.9	765 987	29 2624
7081	8.8	15 1 11.69	+2.5353	+0.0009	+29 28 4.7	−14.106	+0.269	82.4	5 obs.[5]	29 2626
7082	9.2	1 12.34	2.5443	0.0010	29 3 47.1	14.106	0.270	73.4	101	29 2625*
7083	8.0	1 39.95	2.5410	0.0010	29 9 19.1	14.078	0.271	82.2	6 obs.[6]	29 2627
7084	4.9	1 48.64	2.6207	0.0016	25 21 26.1	14.068	0.278	75.8	102 385 466	25 2873
7085	9.1	1 54.61	2.5995	0.0014	26 22 57.3	14.062	0.276	81.4	841 842 844	26 2653*
7086	9.2	15 2 3.71	+2.6193	+0.0016	+25 23 55.3	−14.052	+0.278	78.4	385 764	25 2874
7087	9.0	2 27.12	2.5699	0.0012	27 43 51.4	14.028	0.274	84.4	1086 1088 1089	27 2456
7088	9.0	2 32.36	2.5412	0.0011	29 3 33.1	14.022	0.272	76.1	101 461 464	29 2628
7089	7.3	2 42.71	2.5421	0.0011	28 59 56.1	14.012	0.272	83.0	7 obs.	29 2629
7090	7.9	2 51.12	2.5806	0.0014	27 11 29.0	14.003	0.276	74.8	99 212 387	27 2457
7091	6.3	15 3 0.00	+2.5889	+0.0014	+26 46 53.0	−13.994	+0.276	76.6	6 obs.[7]	26 2656
7092	9.3	3 0.48	2.6070	0.0015	25 54 40.9	13.993	0.278	80.1	208 844 1091	25 2875
7093	6.3	3 8.89	2.6133	0.0016	25 35 16.5	13.984	0.279	85.4	766 1192 1570	25 2876
7094	9.4	3 14.10	2.5193	0.0009	29 58 45.2	13.979	0.269	82.4	765 982 984	30 2613*
7095	9.4	3 31.53	2.5463	0.0011	28 43 18.2	13.961	0.273	75.8	2 106 843	28 2401
7096	9.3	15 3 50.54	+2.5735	+0.0013	+27 25 36.2	−13.941	+0.276	82.9	460 764 985 1571	27 2459
7097	9.0	3 51.75	2.5475	0.0011	28 37 34.6	13.939	0.273	82.8	5 obs.[8]	28 2403
7098	9.5	3 55.78	2.5729	0.0013	27 26 48.6	13.935	0.276	77.4	460	— —
7099	9.1	4 0.44	2.5455	0.0011	28 42 28.8	13.930	0.273	84.0	7 obs.	28 2405
7100	7.3	4 1.62	2.6207	0.0017	25 9 9.1	13.929	0.281	81.0	5 obs.[9]	25 2877

[1] Z. 385 985 1086 1087 1090
[2] » 99 1086 1090 1092 1378
[3] » 462 843 844 987 1695
[4] Z. 3 101 390 461 462
[5] » 464 841 842 843 1566
[6] » 3 462 985 987 1283 1567
[7] Z. 108 210 386 467 574 661
[8] » 213 845 984 1086 1577
[9] » 102 208 385 1459 1697

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7101	9.0	15h 4m 9s.51	+2s.5450	+0s.0011	+28° 43' 2".9	−13".921	+0".273	78.4	5 obs. [1]	28° 2406
7102	9.2	4 39.35	2.5526	0.0012	28 19 13.2	13.889	0.274	83.2	764 982 1090 1093	28 2407
7103	9.0	4 40.38	2.5466	0.0012	28 35 34.5	13.888	0.274	84.6	766 987 1088(2) 1574	28 2408
7104	8.5	4 54.82	2.5967	0.0016	26 13 31.1	13.873	0.279	76.7	108 386 467 661	26 2658
7105	8.1	5 0.68	2.6029	0.0016	25 55 9.0	13.867	0.280	80.2	5 obs. [2]	25 2879
7106	8.0	15 5 2.72	+2.5608	+0.0013	+27 53 53.8	−13.865	+0.275	77.0	5 obs. [3]	27 2461
7107	9.4	5 6.69	2.6009	0.0016	26 0 19.0	13.861	0.280	79.7	108 386 573 1567	26 2659
7108	9.0	5 6.81	2.6066	0.0017	25 43 49.6	13.861	0.281	82.1	6 obs. [4]	25 2880
7109	7.3	5 38.45	2.5199	0.0011	29 42 14.4	13.827	0.272	78.2	3 462 464 1191	29 2633[5]
7110	9.5	5 57.36	2.6045	0.0017	25 45 11.9	13.807	0.281	83.4	987	25 2882*
7111	8.8	15 6 7.22	+2.5115	+0.0011	+30 1 35.8	−13.797	+0.272	77.7	3 101 390 1459	30 2620
7112	9.0	6 38.53	2.5406	0.0013	28 40 0.2	13.764	0.275	77.2	5 obs. [6]	28 2409
7113	9.2	7 5.97	2.5074	0.0011	30 6 18.9	13.734	0.272	76.1	101 462 464	30 2624*
7114	9.1	7 26.28	2.5196	0.0012	29 31 49.6	13.713	0.274	74.4	3 390	29 2636*
7115	9.0	7 27.69	2.5448	0.0013	28 23 40.8	13.711	0.277	78.4	389 765	28 2411
7116	7.9	15 7 29.59	+2.5446	+0.0013	+28 24 2.3	−13.709	+0.277	81.2	8 obs.	28 2412
7117	8.5	7 31.62	2.6126	0.0019	25 13 5.7	13.707	0.284	79.4	6 obs. [7]	25 2884
7118	9.4	7 40.33	2.5964	0.0017	25 58 52.1	13.698	0.283	76.4	108 386 467 574	26 2664
7119	9.0	8 10.08	2.5092	0.0012	29 54 58.5	13.666	0.273	77.1	390 462 464	29 2637*
7120	9.5	8 17.57	2.5252	0.0013	29 11 39.4	13.658	0.276	73.4	101	29 2638*
7121	9.5	15 8 35.63	+2.5055	+0.0012	+30 2 5.6	−13.639	+0.274	83.8	764 844 1528	30 2627
7122	9.0	8 42.97	2.5893	0.0017	26 13 26.2	13.631	0.283	79.4	108 386 467 1567	26 2666
7123	9.4	8 53.88	2.5238	0.0013	29 11 53.3	13.619	0.276	81.4	462 982 987	29 2639
7124	9.1	8 58.91	2.6171	0.0019	24 52 15.0	13.614	0.286	79.4	102 385 466 1573	24 2831
7125	5.6	9 15.56	2.5133	0.0013	29 37 44.6	13.596	0.275	78.2	3 101 390 1577	29 2640
7126	9.4	15 9 42.22	+2.5998	+0.0019	+25 38 12.8	−13.568	+0.285	79.4	5 obs. [8]	25 2887
7127	8.8	10 3.17	2.5174	0.0014	29 22 10.9	13.545	0.276	80.4	462 464 916 1091	29 2641
7128	9.3	10 16.97	2.6156	0.0020	24 50 9.7	13.530	0.287	84.8	1089 1093 1191	24 2834*
7129	6.8	10 17.74	2.5887	0.0018	26 6 21.9	13.529	0.284	78.9	8 obs.	26 2670
7130	8.3	10 29.49	2.5510	0.0016	27 49 27.3	13.517	0.281	76.4	212 387 460 463	27 2468
7131	8.7	15 10 37.25	+2.5066	+0.0013	+29 47 29.4	−13.508	+0.276	79.8	3 982 987	29 2643
7132	9.3	10 39.13	2.4989	0.0013	30 7 8.3	13.506	0.276	82.8	464 985 1378	*30 2632*
7133	8.5	10 43.08	2.5693	0.0017	26 58 3.5	13.502	0.283	80.3	6 obs. [9]	27 2469
7134	9.0	10 50.90	2.6079	0.0020	25 8 54.1	13.494	0.287	80.2	5 obs. [10]	25 2888
7135	9.4	11 7.80	2.6102	0.0020	25 1 18.6	13.475	0.288	89.4	1459 1566	25 2889*
7136	9.1	15 11 20.26	+2.5957	+0.0019	+25 40 57.2	−13.462	+0.286	83.8	385 1089 1576	25 2890*
7137	8.2	11 30.78	2.5839	0.0019	26 13 0.2	13.451	0.285	80.2	108 467 661 1574	26 2671
7138	9.3	11 33.16	2.5518	0.0016	27 41 18.5	13.448	0.282	78.9	460 764	27 2471
7139	8.7	11 43.55	2.5234	0.0015	28 56 39.4	13.437	0.279	78.1	390 462 765	29 2646
7140	8.3	11 46.46	2.5952	0.0020	25 40 0.1	13.434	0.286	74.7	102 208 385	25 2891
7141	9.0	15 11 47.79	+2.5114	+0.0014	+29 27 34.7	−13.432	+0.277	73.4	101	29 2647*
7142	8.8	11 51.85	2.5148	0.0015	29 18 21.4	13.428	0.278	81.5	3 916 1092 1287	29 2648
7143	7.9	12 9.14	2.5552	0.0017	27 28 32.0	13.409	0.283	78.0	387 460 463 660(2)	27 2474
7144	9.2	12 20.55	2.4964	0.0014	30 3 41.9	13.397	0.276	83.9	464 1573	30 2637*
7145	9.0	12 21.08	2.5110	0.0015	29 25 31.8	13.396	0.278	81.4	390 462 1577	29 2649
7146	9.5	15 12 37.53	+2.4944	+0.0014	+30 7 19.1	−13.378	+0.276	81.4	842	*30 2639**
7147	9.5	12 37.73	2.5766	0.0019	26 27 33.2	13.378	0.286	75.4	108 985	26 2674
7148	9.0	12 52.87	2.5269	0.0015	28 40 28.7	13.361	0.281	74.1	2 106 389	28 2416
7149	9.5	12 55.50	2.5976	0.0020	25 27 17.1	13.359	0.288	89.4	1528	25 2894*
7150	6.5	12 59.62	2.5576	0.0017	27 17 42.0	13.354	0.284	76.1	212 387 463	27 2477

[1] Z. 2 106 765 842 1089
[2] » 293 385 466 844 1572
[3] » 99 212 387 660 845
[4] » 102 208 766 984 1565 1566
[5] BD α 1m too small
[6] Z. 2 106 213 388 1528
[7] » 102 208(2) 385 1377 1570
[8] Z. 102 208 764 984 1192
[9] » 212 387 463 1088 1091 1093
[10] » 208 385 466 984 1528

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7151	8.5	$15^h\ 13^m\ 10^s.27$	+2s.5163	+0s.0015	+29° 6' 45".8	−13".343	+0".280	77.1	101 464 766	29° 2651
7152	8.4	13 21.78	2.5801	0.0019	26 13 50.5	13.330	0.287	75.4	108 467	26 2676
7153	8.0	13 34.64	2.5922	0.0020	25 39 2.5	13.316	0.288	79.1	6 obs. [1]	25 2896
7154	8.3	13 37.91	2.5978	0.0021	25 22 56.4	13.312	0.289	83.8	6 obs. [2]	25 2897
7155	8.0	13 41.34	2.5812	0.0020	26 9 5.4	13.309	0.287	77.4	210 574 661	26 2677
7156	8.6	15 13 46.14	+2.5256	+0.0016	+28 39 8.0	−13.303	+0.281	81.7	106 1088 1090 1093	28 2419
7157	9.4	14 5.10	2.5900	0.0020	25 42 25.9	13.283	0.289	88.1	1192 1459 1572	25 2899*
7158	8.5	14 24.49	2.4927	0.0015	30 1 19.3	13.262	0.278	78.4	6 obs. [3]	30 2643
7159	9.5	14 27.19	2.4907	0.0015	30 6 18.9	13.259	0.278	80.4	764	*30 2644**
7160	9.5	14 54.01	2.4896	0.0015	30 6 29.8	13.229	0.279	86.9	984 1567	— —
7161	9.1	15 14 54.73	+2.5722	+0.0020	+26 27 26.3	−13.228	+0.288	73.9	108 210	26 2680
7162	6.0	14 58.31	2.4903	0.0015	30 4 14.3	13 225	0.279	78.1	101 390 1090	30 2647
7163	8.1	15 0.87	2.5332	0.0017	28 12 8.0	13.222	0.284	78.2	2 106 389 1577	28 2420
7164	9.3	15 6.92	2.6027	0.0022	25 1 34 3	13.215	0.291	86.4	841 1378 1570	25 2900*
7165	8.7	15 7.07	2.4983	0.0015	29 42 59.1	13.215	0.280	85.2	462 1093 1460 1573	29 2656
7166	8.4	15 15 9.22	+2.4870	+0.0015	+30 11 44.8	−13.213	+0.278	81.4	3 1089 1091 1092	*30 2648*
7167	9.0	15 38.61	2.5996	0.0022	25 8 8.5	13.180	0.291	77.6	102 208(2) 385 1528	25 2901
7168	6.0	15 42.83	2.5935	0.0022	25 24 35.4	13.176	0.291	76.7	293 385 465 466	25 2902
7169	8.1	15 47.49	2.5800	0.0021	26 1 19.1	13.171	0.290	77.1	210 467 661	26 2681
7170	9.0	15 48.10	2.5477	0.0019	27 29 13.1	13.170	0.286	79.2	5 obs. [4]	27 2478
7171	9.0	15 15 49.32	+2.5476	+0.0019	+27 29 25.3	−13.168	+0.286	76.4	212 387 460 463	
7172	7.0	16 8.89	2.6060	0.0022	24 47 37.7	13.147	0.292	92.4	1700 1701	24 2850
7173	8.8	16 9.60	2.5483	0.0019	27 25 37.1	13.146	0.286	91.4	1566 1696	27 2479
7174	9.1	16 15.36	2.5716	0.0020	26 21 56.1	13.140	0.289	86.4	1088 1091 1576	26 2683*
7175	9.5	16 22.62	2.5826	0.0021	25 50 59.6	13.132	0.290	85.4	1192	25 2903*
7176	9.0	15 16 33.32	+2.5381	+0.0018	+27 50 53.8	−13.120	+0.286	80.1	660 764 765	27 2481
7177	9.0	16 39.17	2.5233	0.0018	28 29 24.7	13.114	0.284	74.1	2 106 389	28 2423
7178	7.7	16 50.20	2.5852	0.0021	25 41 33.7	13.101	0.291	78.4	385 766	25 2904
7179	9.1	16 54.41	2.6038	0.0022	24 49 47.9	13.097	0.294	83.4	466 916 985 1571	24 2853
7180	9.4	16 57.78	2.4942	0.0016	29 42 41.1	13.093	0.281	75.9	3 101 462 764	29 2657
7181	7.3	15 17 2.92	+2.5766	+0.0021	+26 4 20.8	−13.087	+0.290	76.2	5 obs. [5]	26 2685
7182	9.1	17 12.15	2.5356	0.0018	27 53 51.0	13.077	0.286	84.4	1090 1093	27 2482*
7183	7.5	17 30.75	2.5212	0.0018	28 30 14.5	13.057	0.284	74.7	2 106 388 389	28 2425
7184	9.4	17 42.83	2.5328	0.0019	27 58 35.7	13.043	0.286	83.4	984	28 2426*
7185	9.2	17 56.95	2.5314	0.0019	28 1 0.4	13.028	0.286	84.2	5 obs. [6]	28 2427
7186	9.3	15 18 0.87	+2.4947	+0.0017	+29 36 9.4	−13.023	+0.282	72.4	3	29 2659*
7187	9.4	18 2.64	2.5915	0.0022	25 18 16.6	13.021	0.293	87.4	1088 1378 1573	25 2905*
7188	8.9	18 4.14	2.4975	0.0017	29 28 43.8	13.020	0.283	76.2	101 390 462 464	29 2660
7189	8.0	18 29.06	2.5814	0.0022	25 43 48.2	12.992	0.292	76.0	208(2) 385 465 466	25 2908
7190	8.0	18 35.51	2.5860	0.0022	25 30 39.0	12.985	0.293	83.9	766 767 1092 1574	25 2910
7191	9.1	15 18 44.50	+2.5221	+0.0019	+28 21 23.8	−12.975	+0.286	84.4	1091 1093	28 2429*
7192	9.5	19 42.38	2.5876	0.0023	25 20 58.1	12.910	0.294	89.4	1528	25 2911*
7193	7.3	19 49.73	2.5893	0.0023	25 15 41.3	12.902	0.294	80.7	294 385 766 1571	25 2912
7194	8.6	19 51.30	2.4910	0.0017	29 35 16.4	12.900	0.284	74.1	3 101 390	29 2663
7195	8.8	19 55.15	2.5090	0.0018	28 49 7.7	12.896	0.286	79.9	2 388 764 1567	28 2431
7196	8.2	15 20 24.10	+2.5481	+0.0021	+27 4 4.5	−12.864	+0.290	81.8	5 obs. [7]	27 2484
7197	8.6	20 28.04	2.5390	0.0020	27 27 51.8	12.859	0.290	82.1	6 obs. [8]	27 2485
7198	9.1	20 42.75	2.5892	0.0023	25 11 40.0	12.843	0.295	80.8	208 385 1632	25 2913
7199	9.0	20 48.53	2.4848	0.0018	29 46 5.5	12.836	0.284	82.1	462 1090 1092	29 2664
7200	8.5	20 55.95	2.5450	0.0021	27 9 32.2	12.828	0.291	81.1	660 767 987	27 2487

[1] Z. 102 208 385 847 1089 1091
[2] » 466 767 916 1092 1380 1576
[3] » 3 101 390 462 766 1571
[4] Z. 212 387 460 463 1574
[5] » 108 210 386 467 661
[6] » 106 984 985 1565 1570
[7] Z. 212 387 463 1575 1576
[8] » 387 463 660 1088 1091 1572

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var	Ep.	Zones	B.D.
7201	7.5	15h 21m 15.92	+2.5121	+0.0019	+28° 33′ 58.9	−12.806	+0.287	78.8	2 767 987	28° 2432
7202	9.3	21 19.21	2.5847	0.0023	25 21 13.6	12.802	0.296	87.4	1378	25 2914*
7203	9.2	21 19.55	2.5276	0.0020	27 53 21.2	12.802	0.289	81.1	387 982 984	27 2488
7204	8.0	21 19.86	2.5287	0.0020	27 50 28.5	12.801	0.289	84.7	660 982 984 1696	27 2489
7205	8.3	21 34.88	2.4988	0.0019	29 6 21.7	12.784	0.286	79.9	3 101 1091 1531	29 2667
7206	7.8	15 21 38.72	+2.5310	+0.0020	+27 42 50.5	−12.780	+0.290	85.5	989 1287 1288	27 2491
7207	6.0	22 16.21	2.5788	0.0023	25 32 16.6	12.738	0.296	75.4	208 385	25 2916
7208	**3.8**	**22 40.56**	**2.4862**	**0.0019**	**29 32 15.5**	**12.711**	**0.286**		**Fund. Cat.**	**29 2670**
7209	9.4	22 40.87	2.5823	0.0024	25 20 49.7	12.710	0.297	86.4	764 1699	25 2918
7210	8.9	22 42.31	2.5518	0.0022	26 42 46.2	12.708	0.293	77.9	386 661	26 2690
7211	9.5	15 22 51.08	+2.5831	+0.0024	+25 17 52.5	−12.698	+0.297	95.1	1920 1947 1950	25 2919
7212	9.5	22 59.89	2.5829	0.0024	25 17 49.2	12.689	0.297	95.0	5 obs.[1]	25 2920
7213	8.4	23 2.22	2.5460	0.0022	26 56 42.9	12.686	0.293	77.8	387 463 660	27 2493
7214	8.1	23 9.10	2.5657	0.0023	26 3 32.9	12.678	0.295	81.8	386 1092 1093	26 2692
7215	9.5	23 10.96	2.4991	0.0019	28 57 19.1	12.676	0.288	76.9	101 764	29 2671
7216	8.7	15 23 18.79	+2.5197	+0.0021	+28 3 50.7	−12.667	+0.290	79.9	2 1380	28 2435
7217	7.3	23 27.18	2.5308	0.0021	27 34 11.1	12.658	0.292	81.0	387 660 990 1091	27 2494
7218	9.5	23 30.75	2.5910	0.0025	24 53 30.1	12.654	0.299	93.4	1814 1815	24 2872
7219	8.3	23 32.21	2.5719	0.0023	25 45 6.7	12.652	0.296	79.4	208 294 982 1094	25 2922
7220	8.3	24 5.82	2.5305	0.0021	27 31 49.7	12.614	0.292	80.1	387 767 990	27 2495
7221	7.4[2]	15 24 37.67	+2.5658	+0.0024	+25 56 18.5	−12.578	+0.297	75.8	108 386 467	26 2694
7222	9.0	24 38.96	2.4859	0.0020	29 22 44.2	12.576	0.288	81.9	3 1632	29 2674
7223	8.5	24 41.41	2.5268	0.0021	27 38 28.1	12.574	0.293	80.1	463 660 984	27 2496
7224	9.5	24 51.99	2.4722	0.0019	29 56 3.7	12.562	0.286	82.9	101 1696	30 2666
7225	8.5	24 57.94	2.5687	0.0024	25 46 34.1	12.555	0.297	79.5	466 846	25 2925
7226	9.0	15 24 58.06	+2.5065	+0.0021	+28 29 6.5	−12.555	+0.291	92.4	1699 1700	28 2438
7227	8.1	25 5.71	2.5157	0.0021	28 5 13.7	12.546	0.292	75.1	2 389 392	28 2439
7228	9.0	25 17.11	2.4758	0.0019	29 44 47.6	12.533	0.287	80.5	390 1092	29 2677
7229	8.8	25 18.42	2.4927	0.0020	29 2 29.5	12.531	0.289	81.4	462 916 1094	29 2676
7230	9.1	25 34.03	2.5047	0.0021	28 30 39.5	12.514	0.290	84.2	989 1090 1091 1093	28 2440*
7231	9.2	15 25 41.93	+2.5875	+0.0025	+24 52 42.6	−12.505	+0.300	89.9	1379 1697	24 2875*
7232	8.5	25 55.96	2.5216	0.0022	27 45 55.5	12.489	0.293	76.1	212 387 463	27 2499
7233	9.3	25 57.55	2.5316	0.0023	27 19 31.9	12.487	0.294	79.1	460 660 768	27 2500
7234	8.3	26 0.81	2.5546	0.0024	26 19 29.4	12.483	0.297	80.0	386 661 766 990	26 2697
7235	9.3	26 1.50	2.5610	0.0024	26 2 27.0	12.482	0.298	77.1	210 386 764	26 2698
7236	9.5	15 26 36.35	+2.4799	+0.0021	+29 28 9.5	−12.442	+0.289	76.1	101 462 464	29 2678
7237	9.1	26 43.01	2.4966	0.0021	28 45 34.1	12.435	0.291	76.8	106 389 768*	28 2441
7238	9.1	26 43.27	2.5378	0.0023	27 0 1.7	12.435	0.296	83.1	6 obs.[3]	27 2501*
7239	8.7	27 31.48	2.4866	0.0021	29 6 37.0	12.379	0.290	83.4	3 984 1380 1571	29 2680
7240	8.6	27 38.20	2.5161	0.0022	27 51 32.8	12.372	0.294	84.5	1094 1095	27 2502
7241	9.3	15 27 43.69	+2.5343	+0.0023	+27 4 13.8	−12.365	+0.297	93.4	1699 1920	27 2503
7242	8.1	27 51.46	2.5139	0.0022	27 56 18.6	12.356	0.294	80.1	2 990 1096	28 2443
7243	8.9	27 53.22	2.5271	0.0023	27 21 56.7	12.354	0.296	84.4	1090 1091	27 2504
7244	9.0	28 0.85	2.4691	0.0021	29 47 25.0	12.346	0.289	82.9	844 1092	29 2681
7245	8.9	28 6.88	2.5337	0.0023	27 4 3.4	12.339	0.297	82.8	212 660 1922	27 2506
7246	8.5	15 28 31.32	+2.4704	+0.0021	+29 41 45.4	−12.311	+0.289	74.9	3 462	29 2682
7247	8.7	28 34.87	2.5313	0.0024	27 7 46.8	12.307	0.297	85.4	387 1379 1696	27 2507
7248	8.1	28 48.09	2.5356	0.0024	26 55 46.8	12.291	0.297	79.0	212 990	27 2509
7249	9.3	29 1.00	2.4601	0.0021	30 4 20.2	12.276	0.289	83.4	989	30 2676*
7250	9.3	29 13.40	2.5188	0.0023	27 37 3.4	12.262	0.296	88.4	1091 1700	27 2510

[1] Z. 1813 1948 1949 1951 1952 [2] Close double [3] Z. 212 387 846 1192 1567 1574

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
7251	9.4	15h 29m 17s.86	+2s.5121	+0s.0023	+27° 53' 27".2	−12".257	+0".295	85.9	660 1702	27° 2511
7252	8.8	29 22.27	2.4726	0.0021	29 31 45.6	12.252	0.291	81.4	462 1192	29 2684
7253	**2.0**	**29 23.76**	**2.5297**	**0.0024**	27 8 11.5	**12.250**	**0.297**		**Fund. Cat.**	**27 2512**
7254	8.5	29 24.72	2.5167	0.0023	27 41 26.4	12.249	0.296	80.4	387 1092	27 2514
7255	8.6	29 25.37	2.5252	0.0024	27 19 45.8	12.248	0.297	84.4	1090 1093	27 2513
7256	8.2	15 29 27.43	+2.5690	+0.0026	+25 25 17.8	−12.246	+0.302	74.9	1 466	25 2932
7257	9.0	29 28.14	2.5729	0.0026	25 15 0.4	12.245	0.302	84.9	466 1701	25 2933
7258	9.4	29 57.15	2.5818	0.0026	24 49 12.3	12.212	0.303	88.4	989 1812	24 2889
7259	9.4	29 59.84	2.5245	0.0024	27 18 41.6	12.208	0.297	93.4	1813 1818	27 2515
7260	9.5	30 0.04	2.5788	0.0026	24 56 49.4	12.208	0.303	93.4	1814 1815	25 2935
7261	9.0	15 30 7.07	+2.5447	+0.0025	+26 26 12.3	−12.200	+0.300	76.2	210(2) 386 661	26 2703
7262	8.8	30 20.90	2.5758	0.0026	25 3 33.9	12.184	0.303	82.4	1 1699	25 2936
7263	8.9	30 27.39	2.4805	0.0022	29 7 8.9	12.177	0.293	84.9	462 1701	29 2686
7264	8.6	30 46.33	2.5606	0.0026	25 41 41.5	12.155	0.302	84.4	1091 1092	25 2938
7265	9.0	30 47.06	2.5698	0.0026	25 17 16.7	12.154	0.303	87.1	1090 1093 1697	25 2937
7266	8.1	15 30 48.84	+2.4870	+0.0022	+28 49 28.0	−12.152	+0.294	78.4	2 1095	28 2447
7267	9.5	30 57.45	2.4563	0.0022	30 3 57.6	12.142	0.290	72.4	3	30 2679*
7268	9.5	31 2.28	2.4674	0.0022	29 36 42.1	12.136	0.291	84.8	462 989 1816	29 2687
7269	9.4	31 13.17	2.5735	0.0027	25 5 44.3	12.123	0.304	77.5	466	25 2940*
7270	9.0	31 18.69	2.5156	0.0024	27 35 21.9	12.117	0.297	76.1	212 387 460	27 2517
7271	9.5	15 31 21.37	+2.5052	+0.0023	+28 1 26.3	−12.114	+0.296	93.4	1817 1819	28 2449
7272	9.2	31 32.66	2.5652	0.0026	25 26 21.1	12 101	0.304	88.9	1192 1700	25 2941*
7273	8.9	31 51.31	2.5245	0.0025	27 10 22.4	12.079	0.299	78.7	463 468 660 766	27 2520
7274	8.8	32 24.39	2.4864	0.0023	28 43 12.0	12.041	0.295	78.7	2 106 389 1699	28 2451
7275	9.5	32 27.88	2.5602	0.0026	25 35 12.4	12.036	0.304	79.4	465 845	25 2942*
7276	8.3	15 32 35.09	+2.5494	+0.0026	+26 2 50.6	−12.028	+0.303	75.4	108 210 386 467	26 2708
7277	9.2	32 45.42	2.5599	0.0026	25 34 39.2	12.016	0.304	77.5	466	— —
7278	8.8	32 47.93	2.5603	0.0026	25 33 33.0	12.013	0.304	75.8	1 465 466	25 2943
7279	8.9	32 48.60	2.5738	0.0027	24 58 2.8	12.012	0.306	81.3	208 767 768 1575	25 2944
7280	7.4	32 54.68	2.5744	0.0027	24 55 57.9	12.005	0.306	84.4	5 obs. [1]	24 2901
7281	8.0	15 33 44.06	+2.5450	+0.0026	+26 9 16.1	−11.947	+0.304	77.6	6 obs. [2]	26 2712
7282	9.2	34 9.00	2.4507	0.0023	30 1 46.1	11.918	0.292	78.2	5 obs. [3]	30 2688*
7283	8.6	34 13.13	2.4997	0.0024	28 1 53.3	11.913	0.298	82.5	6 obs. [4]	28 2454
7284	9.4	34 14.59	2.5533	0.0026	25 45 38.7	11.912	0.305	88.8	1379 1459 1569	25 2948*
7285	8.0	34 29.21	2.4607	0.0023	29 36 3.4	11.894	0.294	79.4	5 obs. [5]	29 2694
7286	8.6	15 35 27.64	+2.4935	+0.0025	+28 11 28.7	−11.826	+0.299	80.0	5 obs. [6]	28 2456
7287	9.0	35 31.07	2.5142	0.0026	27 19 41.2	11.822	0.302	76.4	212 387 460 463	27 2522
7288	9.3	35 47.96	2.4752	0.0024	28 54 56.1	11.802	0.297	82.5	768 1091	28 2458
7289	8.5	35 53.90	2.4571	0.0023	29 37 58.5	11.795	0.295	74.4	3 101 462	29 2699
7290	9.4	35 54.87	2.5581	0.0028	25 26 7.6	11.794	0.307	85.8	845 1192 1571	25 2951*
7291	9.0	15 35 56.79	+2.5468	+0.0027	+25 54 52.0	−11.791	+0.305	75.1	1 293 466	25 2950
7292	9.2	36 19.40	2.5221	0.0026	26 56 15.1	11.765	0.303	78.8	387 660 766	27 2524
7293	8.5	36 21.35	2.5410	0.0027	26 7 52.9	11.762	0.305	81.6	5 obs. [7]	26 2719
7294	8.9	36 21.48	2.5319	0.0026	26 31 14.4	11.762	0.304	85.4	5 obs. [8]	26 2720
7295	9.0	36 24.14	2.5573	0.0028	25 25 52.4	11.759	0.307	84.2	294 1092 1287 1577	25 2953
7296	8.0	15 36 25.50	+2.4868	+0.0025	+28 23 48.0	−11.757	+0.299	83.5	768 991 1291	28 2460
7297	9.0	36 37.94	2.5123	0.0026	27 19 29.6	11.743	0.302	84.4	6 obs. [9]	27 2526
7298	8.1	37 11.21	2.4447	0.0024	30 1 39.5	11.703	0.294	88.4	1286 1288 1575 1576	30 2695
7299	8.5	37 29.04	2.5127	0.0026	27 14 33.9	11.682	0.303	79.9	5 obs. [10]	27 2528
7300	9.0	37 29.55	2.4790	0.0024	28 37 47.2	11.682	0.299	76.4	2 768	28 2462

[1] Z. 766 767 1091 1092 1696
[2] » 210(2) 386 467 661 984
[3] » 3 101 462 464 1570
[4] » 2 389 392 1530 1531 1576
[5] Z. 101 462 769 917 989
[6] » 2 106 766 982 1572
[7] » 210 661 917 984 1459
[8] Z. 210 990 1460 1567 1574
[9] » 212 660 982 1530 1531 1573
[10] » 212 387 660 1093 1095

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
7301	3.8	15h 37m 29ˢ.64	+2ˢ.5259	+0ˢ.0026	+26° 41′ 33″.9	−11″.682	+0″.304		Fund. Cat.	26° 2722
7302	8.6	37 29.91	2.5599	0.0028	25 14 22.2	11.681	0.308	76.7	208(2) 466 766	25 2954
7303	8.9	37 33.08	2.4478	0.0024	29 52 59.2	11.678	0.295	77.8	3 462 991	29 2701
7304	8.9	37 36.70	2.5451	0.0027	25 52 5.8	11.673	0.307	78.4	1 1094	25 2955
7305	9.5	37 45.65	2.5257	0.0026	26 40 42.9	11.663	0.305	90.1	989 1812 1814	26 2723
7306	9.0	15 37 51.06	+2.4770	+0.0025	+28 41 9.0	−11.656	+0.299	85.1	1092 1192 1193	28 2464
7307	8.5	38 9.71	2.4716	0.0025	28 52 55.4	11.634	0.298	78.8	2 766 991	28 2465
7308	9.0	38 14.96	2.5632	0.0028	25 2 47.4	11.628	0.309	87.4	1094 1570	25 2956
7309	8.0	38 21.58	2.4407	0.0024	30 5 47.0	11.620	0.295	78.9	3 462 917 987	30 2699
7310	9.0	38 23.26	2.4811	0.0025	28 28 36.4	11.618	0.300	83.4	392 845 1697	28 2466
7311	9.1	15 38 25.98	+2.5011	+0.0026	+27 39 25.6	−11.615	+0.303	89.4	1459 1530 1571	27 2530*
7312	9.4	38 32.88	2.5247	0.0027	26 39 55.6	11.607	0.304	82.4	210 1572	26 2725*
7313	8.0	38 34.25	2.5555	0.0028	25 21 33.9	11.605	0.309	78.1	1 466 1097	25 2957
7314	7.3	38 45.33	2.5669	0.0029	24 51 22.2	11.592	0.310	88.0	995 1699	24 2914
7315	8.7	38 53.32	2.5612	0.0029	25 5 23.3	11.582	0.310	88.4	1093 1700	25 2958
7316	9.1	15 39 3.81	+2.5240	+0.0027	+26 39 39.0	−11.570	+0.306	88.5	1095 1701	26 2726
7317	9.2	39 4.67	2.4984	0.0026	27 43 6.7	11.569	0.303	76.8	212 387 660	27 2531
7318	8.9	39 11.18	2.5621	0.0029	25 1 51.3	11.561	0.310	81.5	766 767 990	25 2959
7319	9.3	39 11.52	2.5523	0.0029	25 27 19.0	11.560	0.309	90.4	1567 1574	25 2960*
7320	9.0	39 22.96	2.5120	0.0027	27 7 55.5	11.547	0.305	76.4	212 387 460 463	27 2532
7321	9.3	15 39 28.44	+2.5596	+0.0029	+25 7 10.1	−11.540	+0.310	87.9	989 1702	25 2962
7322	9.1	39 31.71	2.4513	0.0025	29 35 21.6	11.536	0.297	76.8	3 390 847	29 2704
7323	7.5	39 37.34	2.5598	0.0029	25 6 11.0	11.530	0.310	80.5	465 466 989 995	25 2963
7324	9.5	39 38.86	2.5542	0.0029	25 20 19.3	11.528	0.310	93.4	1812 1813	25 2964
7325	9.0	39 46.32	2.4598	0.0025	29 13 47.9	11.519	0.298	84.4	464 1092 1192 1575	29 2705
7326	7.9	15 39 59.62	+2.4686	+0.0025	+28 51 40.1	−11.503	+0.299	74.1	2 106 389	28 2469
7327	9.3	40 0.05	2.4402	0.0025	29 59 38.2	11.503	0.296	76.9	390 462	30 2703*
7328	9.2	40 16.13	2.5643	0.0029	24 51 39.0	11.483	0.312	73.4	107	24 2920*
7329	9.1	40 37.05	2.5133	0.0027	26 59 34.2	11.458	0.306	84.8	846 1287 1288	27 2535*
7330	8.5	40 38.02	2.4550	0.0025	29 21 37.5	11.457	0.299	81.0	464 768 916 990	29 2707
7331	9.1	15 40 52.26	+2.5629	+0.0029	+24 53 7.0	−11.440	+0.312	77.1	1 293 991	24 2921
7332	9.1	41 14.97	2.4330	0.0025	30 10 40.0	11.413	0.297	76.8	390 391 462	*30 2706**
7333	8.5	41 32.01	2.5482	0.0029	25 28 21.4	11.392	0.311	76.8	294 465 466	25 2965
7334	8.8	41 54.02	2.4888	0.0027	27 54 39.0	11.366	0.304	75.4	109 212 387 463	27 2537
7335	8.3	41 59.42	2.4959	0.0027	27 36 47.6	11.360	0.305	76.1	212 387 460	27 2538
7336	8.3	15 42 0.89	+2.4491	+0.0026	+29 29 31.8	−11.358	+0.300	79.0	6 obs.[1]	29 2713
7337	9.4	42 1.87	2.5599	0.0029	24 56 25.1	11.357	0.312	85.5	846 1530	25 2966*
7338	8.7	42 5.78	2.5287	0.0028	26 15 10.4	11.352	0.309	74.9	108 209(2) 467	26 2728
7339	9.2	42 7.70	2.5062	0.0027	27 10 55.6	11.350	0.306	83.4	5 obs.[2]	27 2539*
7340	9.1	42 15.96	2.5118	0.0027	26 56 27.9	11.340	0.307	78.1	210 661 766	26 2729
7341	9.5	15 42 24.05	+2.5567	+0.0029	+25 3 2.7	−11.330	+0.312	78.1	107 466 989	25 2967
7342	7.3	42 33.07	2.4642	0.0026	28 51 14.4	11.319	0.301	74.1	2 106 389	28 2475
7343	9.0	42 38.08	2.4294	0.0026	30 12 50.8	11.313	0.297	86.0	1094 1095 1097 1572	*30 2707*
7344	9.0	42 39.88	2.5065	0.0028	27 7 47.2	11.311	0.307	77.1	212 463 660	27 2540
7345	9.0	42 50.72	2.5299	0.0029	26 8 54.5	11.298	0.310	75.1	108 210 467	26 2731
7346	9.1	15 42 55.12	+2.5168	+0.0028	+26 41 23.9	−11.293	+0.308	81.7	661 768 990 991	26 2733
7347	9.1	43 11.06	2.5353	0.0029	25 53 58.5	11.273	0.310	85.9	846 1571	25 2968*
7348	8.7	43 12.24	2.5239	0.0029	26 22 51.8	11.272	0.309	81.0	209 847 990 1096	26 2735
7349	9.5	43 19.33	2.4955	0.0027	27 32 22.0	11.263	0.306	75.8	109 387 460	27 2542
7350	var.[3]	43 25.41	2.4705	0.0026	28 32 28.2	11.256	0.303	87.1	767 1573 1575	28 2477

[1] Z. 3 391 464 766 768 1290 [2] Z. 468 660 845 1459 1576 [3] R Coronae (obs. 6m)

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7351	9.4	15h 43m 52s.08	+2s.5577	+0s.0030	+24° 54′ 29″.3	−11″.224	+0″.314	90.4	1459 1699	24°2925*
7352	9.0	44 6.19	2.4589	0.0026	28 57 10.1	11.207	0.302	75.1	5 obs.[1]	29 2718
7353	8.2	44 16.26	2.5350	0.0029	25 50 30.6	11.194	0.312	79.0	1 465 663 1292	25 2973
7354	9.4	44 18.67	2.5455	0.0030	25 23 50.3	11.192	0.313	89.5	1530	25 2974*
7355	4.7	44 21.16	2.5202	0.0029	26 27 7.9	11.189	0.310	78.5	108 210 661 1291	26 2737
7356	8.3	15 44 26.29	+2.5303	+0.0029	+26 1 43.7	−11.182	+0.311	79.5	467 766 768	26 2738
7357	9.1	44 27.14	2.5092	0.0028	26 53 58.8	11.181	0.309	84.8	1092 1095 1192	26 2739*
7358	8.7	44 36.31	2.4897	0.0027	27 41 16.0	11.170	0.306	75.1	109 212 460	27 2545
7359	8.3	44 45.94	2.5169	0.0028	26 33 32.4	11.159	0.310	83.5	845 1093 1097	26 2741
7360	9.5	44 51.77	2.4893	0.0027	27 40 56.5	11.152	0.307	73 5	109	27 2546*
7361	8.3	15 45 7.38	+2.5550	+0.0030	+24 56 40.3	−11.133	+0.314	74.4	1 107 466	25 2976
7362	8.5	45 35.00	2.5174	0.0029	26 28 57.3	11.099	0.311	78.0	5 obs.[2]	26 2744
7363	8.5	45 44.71	2.5418	0.0030	25 27 51.5	11.087	0.313	79.7	293 766(2) 768 845	25 2978
7364	9.0	45 50.07	2.4964	0.0028	27 19 29.3	11.081	0.308	79.4	6 obs.[3]	27 2548
7365	9.0	45 54.20	2.5391	0.0029	25 33 51.6	11.076	0.313	77.0	107 767	25 2979
7366	9.0	15 45 58.42	+2.5400	+0.0029	+25 31 20.9	−11.071	+0.313	78.1	1 769 846	25 2980
7367	7.8	46 12.08	2.5358	0.0029	25 40 53.1	11.054	0.313	76.5	294 466	25 2981
7368	8.8	46 22.30	2.4348	0.0026	29 44 2.1	11.042	0.301	76.7	3 5 390 1192	29 2724
7369	9.0	46 25.12	2.4389	0.0026	29 34 27.6	11.038	0.302	80.2	391 462 464 1530	29 2725
7370	8.3	46 53.21	2.4522	0.0027	29 1 7.5	11.004	0.304	80.8	7 obs.	29 2727
7371	9.1	15 46 53.88	+2.4786	+0.0028	+27 58 27.6	−11.003	+0.307	80.6	6 obs.[4]	28 2484
7372	7.3	46 59.67	2.4200	0.0027	30 15 25.1	10.996	0.300	85.2	1092 1095 1097 1381	*30 2718*
7373	8.8	47 0.97	2.4413	0.0027	29 26 17.3	10.994	0 303	84.6	7 obs.	29 2728
7374	9.4	47 3.85	2.4784	0.0028	27 58 13.9	10.991	0.307	75.5	106 389 392	28 2485
7375	8.9	47 9.45	2.4659	0.0028	28 27 55.9	10.984	0.306	81.5	5 obs.[5]	28 2486
7376	9.2	15 47 10.75	+2.5374	+0.0030	+25 33 20.5	−10.982	+0.315	85.0	7 obs.	25 2985
7377	8.0	47 14.95	2.4526	0.0027	28 58 51.8	10.977	0.304	73.8	3 5 390	29 2729
7378	7.8	47 25.29	2.4445	0.0027	29 17 14.8	10.965	0.303	81.5	464 768 995 1098	29 2730
7379	8.6	47 55.53	2.4873	0.0028	27 33 28.5	10.928	0.309	76.3	7 obs.	27 2551
7380	8.1	47 59.44	2.4714	0.0028	28 11 12.8	10.923	0.307	77.8	2 392 1093	28 2487
7381	9.5	15 48 9.01	+2.5087	+0.0029	+26 40 26.0	−10.911	+0.312	77.5	467	— —
7382	8.8	48 10.28	2.5085	0.0029	26 40 40.7	10.910	0.312	78.0	108 209 467 1292	26 2747
7383	8.3	48 17.12	2.4513	0.0027	28 57 28.7	10.901	0.304	78.5	390 766	29 2733
7384	8.9	48 23.59	2.5209	0.0030	26 9 32.6	10.893	0.314	77.8	210 470 846	26 2748
7385	8.1	48 26.10	2.4282	0.0027	29 50 31.2	10.890	0.302	78.0	4 464 767 847	29 2734
7386	8.6	15 48 30.55	+2.4994	+0.0029	+27 1 51.6	−10.885	+0.311	75.5	109 212 387 469	27 2553
7387	9.0	48 49.47	2.4678	0.0028	28 16 27.0	10.862	0.307	79.0	106 388 389 1530	28 2490
7388	9.1	48 55.39	2.5427	0.0031	25 13 15.4	10.855	0.316	84.5	1092 1094 1095 1096	25 2988*
7389	9.3	49 6.62	2.4675	0.0028	28 15 59.1	10.841	0.307	76.5	389	28 2492*
7390	9.2	49 9.01	2.4284	0.0027	29 47 19.0	10.838	0.303	81.7	5 763 989 1572	29 2736
7391	9.0	15 49 33.99	+2.5315	+0.0030	+25 38 59.9	−10.807	+0.316	76.2	1 107 466 845	25 2990
7392	8.8	49 38.81	2.5477	0.0031	24 58 13.1	10.801	0.318	80.2	294 663 917 992	25 2991
7393	9.5	49 55.72	2.5201	0.0030	26 5 41.2	10.780	0.315	80.8	108 767 1459	26 2752
7394	8.3	50 0.07	2.5014	0.0029	26 51 5.7	10.775	0.312	82.4	6 obs.[6]	26 2753
7395	8.3	50 6.90	2.5130	0.0030	26 22 31.9	10.767	0.314	82.8	769 847 1290	26 2754
7396	7.2	15 50 22.82	+2.4231	+0.0027	+29 54 12.0	−10.747	+0.303	77.0	7 obs.	29 2739
7397	8.0	50 33.79	2.4518	0.0028	28 47 23.7	10.733	0.307	75.1	2 389 392	28 2494
7398	8.0	50 52.40	2.4859	0.0029	27 24 59.2	10.711	0.311	74.8	109 212 387	27 2555
7399	8.3	51 8.55	2.5318	0.0030	25 32 22.0	10.691	0.317	77.7	1 466 663 845	25 2994
7400	9.5	51 41.03	2.5442	0.0031	24 59 38.6	10.651	0.319	79.5	466 846	25 2995

[1] Z. 3 5 390 391 464
[2] » 108 209 210 467 1571
[3] Z. 387 460 463 468 469 1576
[4] » 2 106 389 1093 1287 1570
[5] Z. 388 766 990 991 993
[6] » 467 661 769 915 1092 1571

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7401	9.0	15h 51m 48s.28	+2s.5289	+0s.0030	+25° 36' 57".6	−10".642	+0".317	85.5	846 1530	25° 2996
7402	8.5	52 1.47	2.5442	0.0031	24 58 29.5	10.625	0.319	80.1	663 766 769	25 2997
7403	9.4	52 16.50	2.4519	0.0028	28 39 55.9	10.607	0.308	75.1	2 389 392	28 2497
7404	**4.0**	**52 24.78**	**2.4879**	**0.0029**	**27 14 27.7**	**10.596**	**0.313**		**Fund. Cat.**	**27 2558**
7405	9.5	52 26.31	2.4698	0.0029	27 57 22.1	10.595	0.310	93.4	1812 1813	28 2498
7406	9.2	15 52 26.69	+2.5071	+0.0030	+26 28 0.5	−10.594	+0.315	80.0	661 768	26 2756
7407	9.2	52 40.17	2.5154	0.0031	26 7 6.0	10.577	0.316	84.8	847 1287 1288	26 2758*
7408	9.3	52 45.11	2.4693	0.0029	27 57 21.9	10.571	0.311	84.5	392 1702	28 2501
7409	8.7	52 46.37	2.5378	0.0031	25 11 23.7	10.570	0.319	85.8	1 1697 1704	25 3000
7410	9.5	52 51.04	2.4855	0.0030	27 18 19.5	10.564	0.313	82.4	845 989	27 2559
7411	9.1	15 52 57.70	+2.5029	+0.0030	+26 36 6.0	−10.556	+0.315	81.5	846	26 2760*
7412	9.0	53 14.57	2.5100	0.0031	26 18 3.8	10.535	0.316	77.5	467	26 2761*
7413	9.5	53 17.53	2.4820	0.0030	27 24 59.6	10.531	0.313	95.2	1920 1948 1950 1952	27 2561
7414	9.0	53 18.81	2.4171	0.0028	29 56 1.6	10.529	0.304	73.7	3 4 5 464	29 2745
7415	8.6	53 19.21	2.4871	0.0030	27 12 45.5	10.529	0.313	78.5	109 387 763 989	27 2563
7416	9.3	15 53 21.67	+2.4931	+0.0030	+26 58 37.5	−10.526	+0.314	92.4	1700	27 2562*
7417	9.0	53 21.79	2.4790	0.0029	27 31 48.4	10.526	0.312	86.5	991 1095 1633	27 2564
7418	8.5	53 22.95	2.4948	0.0030	26 54 5.0	10.524	0.314	83.4	210 1699	26 2762
7419	8.1	53 29.63	2.5187	0.0031	25 55 54.4	10.516	0.317	81.1	466 915 995	25 3003
7420	8.0	53 31.08	2.4647	0.0029	28 5 16.1	10.514	0.311	75.1	2 389 392	28 2503
7421	9.0	15 53 34.77	+2.5274	+0.0031	+25 34 6.3	−10.510	+0.318	84.5	1092 1096	25 3004
7422	8.9	53 39.16	2.4914	0.0030	27 1 13.6	10.504	0.314	84.5	1093 1098	27 2565
7423	8.2	53 40.27	2.5416	0.0032	24 58 43.9	10.503	0.320	79.0	294 917	25 3005
7424	9.0	53 44.63	2.5315	0.0031	25 23 39.2	10.497	0.319	88.5	1094 1703	25 3006
7425	8.8	53 44.90	2.5045	0.0031	26 29 31.8	10.497	0.316	83.4	210 1702	26 2763
7426	9.1	15 53 45.35	+2.5355	+0.0032	+25 13 40.3	−10.496	+0.319	92.5	1705	— —
7427	9.0	53 46.59	2.5350	0.0032	25 14 48.9	10.495	0.319	91.1	992 1921 1953	25 3007
7428	9.0	53 48.15	2.4818	0.0030	27 23 29.3	10.493	0.313	78.5	109 991	27 2567
7429	9.0	53 48.18	2.4106	0.0028	30 8 42.0	10.493	0.304	87.0	1095 1530	*30 2731*
7430	7.0	54 2.96	2.4195	0.0028	29 47 25.5	10.475	0.306	75.0	5 472	29 2748
7431	9.2	15 54 3.06	+2.5379	+0.0032	+25 6 35.3	−10.475	+0.320	84.5	1094 1096	25 3008*
7432	8.0	54 13.87	2.5211	0.0031	25 47 25.4	10.461	0.318	78.5	465 663	25 3009
7433	var.[1]	54 16.53	2.5090	0.0031	26 16 32.8	10.458	0.316	76.4	209 210 467 661	26 2765*
7434	9.4	54 40.42	2.5434	0.0032	24 50 43.1	10.428	0.321	86.5	768 1701	24 2953
7435	9.5	54 53.12	2.5433	0.0032	24 50 18.6	10.412	0.321	93.4	1812 1815	24 2955
7436	9.2	15 55 8.42	+2.4522	+0.0029	+28 28 17.4	−10.393	+0.310	76.5	389	28 2505*
7437	8.3	55 10.24	2.4124	0.0028	29 59 15.6	10.391	0.305	73.4	3 4 5 390	30 2735
7438	9.1	55 26.07	2.5206	0.0031	25 44 22.1	10.371	0.319	81.4	1 846 847 1571	25 3012*
7439	9.5	55 39.52	2.4795	0.0030	27 22 12.7	10.354	0.314	73.5	109	27 2569*
7440	9.1	55 40.27	2.4135	0.0029	29 54 48.7	10.353	0.306	79.5	391 472 767 992	29 2751
7441	8.7	15 55 44.00	+2.5429	+0.0032	+24 48 26.5	−10.349	+0.322	82.5	7 obs.	24 2957
7442	9.2	55 44.26	2.5419	0.0032	24 50 56.4	10.349	0.322	86.1	5 obs.[2]	24 2958*
7443	7.8	55 51.81	2.5005	0.0030	26 31 23.7	10.339	0.317	76.1	108 467 470	26 2767
7444	8.2	55 52.58	2.4294	0.0029	29 18 0.6	10.338	0.308	81.2	464 846 917 989	29 2752
7445	8.2	55 57.76	2.4758	0.0030	27 29 43.0	10.331	0.314	76.4	212 387 460 468	27 2570
7446	8.4[3]	15 55 58.08	+2.4509	+0.0030	+28 27 49.8	−10.331	+0.311	75.1	2 388 389	28 2506
7447	9.5	55 59.85	2.4505	0.0030	28 28 52.0	10.329	0.311	76.5	389	— —
7448	8.9	56 2.15	2.4355	0.0029	29 3 28.7	10.326	0.309	76.5	390 391	29 2753
7449	9.0	56 9.88	2.4673	0.0030	27 49 13.3	10.316	0.313	76.1	212 387 463	27 2572
7450	9.0	56 15.48	2.5086	0.0031	26 10 42.7	10 309	0.318	81.5	661 769 920 992	26 2768

[1] T Coronae (obs. 9m.4) [2] Z. 845 1093 1193 1287 1700 [3] Double; larger, north following

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
7451	8.1	15h 56m 16.98	+2.4940	+0.0031	+26° 45' 19.4	−10.307	+0.316	77.0	108 209 470 915	26° 2769
7452	9.0	56 18.15	2.4372	0.0029	28 58 27.1	10.306	0.309	81.5	6 obs.[1]	29 2754
7453	5.0	56 26.15	2.4045	0.0029	30 12 7.3	10.296	0.305	87.8	1289 1290 1567	*30 2738*
7454	9.1	57 16.85	2.4940	0.0031	26 41 37.4	10.232	0.317	84.5	847 1379	26 2771*
7455	9.1	57 18.36	2.4888	0.0031	26 54 9.4	10.230	0.317	78.2	210 467 768 769	26 2772
7456	9.0	15 57 21.05	+2.4859	+0.0031	+27 1 0.2	−10.227	+0.316	79.7	213 387 460 1570	27 2574
7457	7.7	57 27.58	2.4870	0.0031	26 57 43.4	10.219	0.316	76.4	109 460 463 468	27 2575
7458	9.1	57 32.79	2.5073	0.0031	26 9 5.6	10.212	0.319	78.7	108 210 990 992	26 2773
7459	9.4	57 34.06	2.5062	0.0031	26 11 33.8	10.211	0.319	83.5	990	26 2774*
7460	8.5	57 52.88	2.4259	0.0030	29 18 10.1	10.187	0.309	74.2	5 obs.[2]	29 2758
7461	9.0	15 58 8.76	+2.4283	+0.0030	+29 11 54.8	−10.167	+0.309	76.8	390 391 472	29 2760
7462	8.5	58 14.61	2.4910	0.0031	26 45 40.8	10.160	0.318	80.1	8 obs.	26 2776
7463	9.3	58 17.73	2.5387	0.0032	24 50 15.2	10.156	0 324	75.4	107 110 465 466	24 2962
7464	9.1	58 21.81	2.4211	0.0030	29 27 33.4	10.151	0.309	73.8	3 5 390	29 2761
7465	9.2	58 24.11	2.5173	0.0031	25 41 51.5	10.148	0.321	88.2	1193 1381 1530 1571	25 3019*
7466	9.5	15 58 35.41	+2.4436	+0.0030	+28 35 8.5	−10.134	+0.312	74.1	2 106 389	28 2510
7467	9.5	58 36.82	2.4657	0.0030	27 44 2.9	10.132	0.315	80.1	109 212 1701	— —
7468	7.5	58 53.31	2.5197	0.0031	25 34 33.1	10.111	0.322	78.7	107 110 294 1699	25 3020
7469	9.3	59 1.79	2.4229	0.0030	29 20 57.1	10.101	0.310	72.5	4	29 2763*
7470	9.1	59 10.26	2.4807	0.0031	27 6 42.9	10.090	0.317	77.4	463	27 2579*
7471	9.0	15 59 33.60	+2.5188	+0.0032	+25 34 45.2	−10.060	+0.322	75.1	107 110 575	25 3022
7472	9.0	59 33.82	2.5185	0.0032	25 35 12.6	10.060	0.322	81.2	465 663 846 1292	25 3023
7473	9.5	59 35.12	2.4641	0.0030	27 44 0.5	10.058	0.315	75 4	109 460	27 2580
7474	8.9	59 50.11	2.4574	0.0030	27 58 49.1	10.040	0.315	75.1	2 389 392	28 2514
7475	9.0	59 53.53	2.4790	0.0031	27 8 18.0	10.035	0.318	76.4	212 387 463 468	27 2581
7476	9.4	15 59 57.08	+2.4077	+0.0029	+29 51 36.9	−10.031	+0.308	84.5	1095	29 2765*
7477	8.9	16 0 3.41	2.4805	0.0031	27 3 58.0	10.023	0.318	77.1	387 460 468	27 2582
7478	9.5	0 6.27	2.4894	0.0031	26 42 53.5	10.019	0.319	81.5	847	26 2781*
7479	9.5	0 13.21	2.4391	0.0030	28 39 21.2	10.010	0.312	79.8	389 768 915	28 2515*
7480	9.0	0 21.36	2.5164	0.0032	25 37 27.5	10.000	0.322	75.7	1 293 465 466	25 3025
7481	9.1	16 0 32.99	+2.4058	+0.0030	+29 53 22.9	− 9.985	+0.309	84.5	1094 1096	29 2766*
7482	9.2	0 35.15	2.5277	0.0033	25 9 22.7	9.983	0.324	84.5	1093 1095 1096	25 3027
7483	9.3	0 50.11	2.4197	0.0030	29 21 7.0	9.964	0.311	72.5	4	29 2767*
7484	9.2	1 44.10	2.4902	0.0031	26 35 24.7	9.895	0.320	74.6	108 111 209 (2) 467	26 2785
7485	9.3	2 6.45	2.4281	0.0030	28 57 36.4	9.867	0.312	78.9	2 388 389 1571	28 2519
7486	8.3	16 2 11.80	+2.5233	+0.0033	+25 14 41.7	− 9.860	+0.324	75.6	6 obs.[3]	25 3031
7487	9.5	2 19.79	2.4953	0.0032	26 21 17.9	9.850	0.321	73.4	108	— —
7488	9.1	2 34.66	2.4166	0.0030	29 21 45.7	9.831	0.311	73.8	4 5 390	29 2773
7489	9.3	2 35.86	2.4434	0.0031	28 21 14.0	9.830	0.315	75.5	2 388 389 392	28 2520
7490	7.5[4]	2 36.02	2.4175	0.0030	29 19 47.6	9.829	0.311	76.0	4 5 390 919	29 2774
7491	9.0	16 2 39.53	+2.3941	+0.0030	+30 11 35.0	− 9.825	+0.308	81.5	845 846 847	*30 2755*
7492	9.5	2 40.21	2.5231	0.0033	25 13 50.0	9.824	0.325	73.5	110	25 3034*
7493	8.7	2 44.37	2.4124	0.0030	29 30 42.9	9.819	0.311	81.3	5 obs.[5]	29 2775
7494	8.8	2 51.20	2.4067	0.0030	29 43 3.3	9.810	0.310	77.1	391 464 472	29 2776
7495	9.2	3 25.61	2.5008	0.0032	26 4 28.8	9.766	0.323	83.1	845 847 1291	26 2790*
7496	8.5	16 3 37.77	+2.5209	+0.0033	+25 15 44.9	− 9.751	+0.326	75.5	107 295 465	25 3036
7497	9.3	3 55.32	2.4719	0.0032	27 10 51.9	9.728	0.319	84.8	846 1288 1290	— —
7498	9.0	3 56.05	2.4725	0.0032	27 9 28.6	9.727	0.319	84.8	846 1287 1289	27 2590*
7499	9.2	4 0.69	2.4029	0.0030	29 47 27.7	9.722	0.311	77.0	390 391 464 472	29 2780
7500	8.7	4 8.11	2.4403	0.0031	28 23 4.3	9.712	0.316	76.5	388 389	28 2524

[1] Z. 5 464 920 989 993 1530
[2] » 3 4 5 391 464
[3] Z. 107 110 294 295 465 574
[4] Close double; larger
[5] Z. 391 767 768 992 1193

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7501	7.5	16h 4m 11:87	+2:4579	+0:0031	+27° 42' 20":5	−9":707	+0":318	75.5	109 212 387 469	27° 2591
7502	9.4	4 15.63	2.4588	0.0031	27 39 57.3	9.702	0.318	73.5	109	27 2592*
7503	9.0	4 17.12	2.4367	0.0031	28 30 31.3	9.701	0.315	78.2	2 392 768 992	28 2526
7504	9.1	4 20.76	2.4137	0.0031	29 22 1.9	9.696	0.312	80.5	4 1093 1096	29 2781*
7505	8.0	4 27.50	2.4680	0.0032	27 18 6.3	9.687	0.319	76.4	212 460 463	27 2593
7506	8.8	16 4 29.62	+2.3915	+0.0030	+30 10 44.2	−9.685	+0.309	84.5	1094 1095 1100	*30 2759*
7507	7.5	4 36.38	2.4929	0.0032	26 19 30.3	9.676	0.323	74.8	108 111 467	26 2791
7508	8.6	4 41.86	2.3911	0.0030	30 10 46.4	9.669	0.309	85.0	1093 1097 1099 1292	*30 2760*
7509	9.0	4 45.59	2.4979	0.0032	26 6 54.6	9.664	0.324	75.0	111 210(2) 470	26 2792
7510	9.5	4 47.16	2.4862	0.0032	26 34 34.9	9.662	0.322	74.4	209	26 2793*
7511	7.1	16 4 53.16	+2.5054	+0.0032	+25 48 56.1	−9.655	+0.325	74.8	107 293 295	25 3039
7512	9.5	4 53.41	2.5244	0.0033	25 3 15.7	9.654	0.327	78.2	110 466 767 847	25 3038
7513	6.7	4 54.74	2.4733	0.0032	27 4 9.5	9.653	0.321	79.2	387 463 468 1193	27 2595
7514	9.5	5 17.25	2.5059	0.0032	25 46 27.4	9.624	0.325	78.0	110 915	25 3040*
7515	9.0	5 22.11	2.3939	0.0030	30 2 5.2	9.618	0.310	73.8	3 5 391	30 2762
7516	9.1	16 5 25.20	+2.4928	+0.0032	+26 17 22.7	−9.614	+0.323	84.0	845 1291	26 2794*
7517	9.4	5 31.36	2.4874	0.0032	26 29 17.3	9.606	0.323	79.0	467 768	26 2795
7518	8.7	5 37.83	2.3919	0.0030	30 5 51.3	9.597	0.310	74.4	3 390	30 2763
7519	9.0	5 41.98	2.3897	0.0030	30 10 6.6	9.592	0.310	87.0	1292 1293 1381 1383	*30 2764*
7520	9.5	5 42.64	2.4877	0.0032	26 27 56.0	9.591	0.323	73.4	108	26 2796*
7521	8.1	16 5 46.93	+2.4810	+0.0032	+26 43 27.4	−9.586	+0.322	81.5	470 1195	26 2797
7522	9.5	5 50.89	2.4763	0.0032	26 54 19.3	9.581	0.321	81.4	111 767 1571	26 2798
7523	8.9	5 52.01	2.4086	0.0031	29 28 3.6	9.579	0.313	78.5	464 472 769	29 2784
7524	7.3	5 58.98	2.4679	0.0032	27 13 11.6	9.570	0.320	79.3	6 obs.[1]	27 2597
7525	8.5	6 8.32	2.5169	0.0033	25 17 32.4	9.558	0.327	75.5	107 294 465	25 3042
7526	9.2	16 6 10.41	+2.5250	+0.0033	+24 57 59.8	−9.556	+0.328	80.0	5 obs.[2]	25 3043
7527	9.4	6 10.54	2.3906	0.0030	30 6 29.1	9.556	0.311	77.5	5 472 915	30 2766*
7528	8.8	6 12.78	2.5054	0.0032	25 44 43.1	9.553	0.325	79.5	662 663	25 3044
7529	7.3	6 21.17	2.4267	0.0031	28 45 54.6	9.542	0.316	75.5	2 388 389 392	28 2529
7530	8.8	6 27.15	2.4795	0.0032	26 44 46.1	9.534	0.322	77.5	467 470	26 2799
7531	9.4	16 6 30.16	+2.4568	+0.0031	+27 37 2.7	−9.530	+0.320	73.5	109	27 2599*
7532	9.5	6 30.43	2.5249	0.0033	24 57 19.7	9.530	0.328	81.0	767 846	25 3045
7533	9.0	6 38.68	2.5095	0.0032	25 33 32.3	9.519	0.326	76.5	110 662	25 3046
7534	9.3	6 40.77	2.4612	0.0032	27 26 20.6	9.517	0.320	81.0	463 768 917 991	27 2600
7535	8.6	6 46.17	2.4480	0.0031	27 56 16.2	9.510	0.318	76.4	212 460 468	27 2601
7536	9.2	16 7 3.38	+2.4771	+0.0032	+26 48 30.1	−9.488	+0.323	84.5	1093 1095 1096	26 2800*
7537	8.1	7 14.95	2.4783	0.0032	26 45 14.4	9.473	0.323	74.8	108 209 210(2) 470	26 2801
7538	9.3	7 25.55	2.5019	0.0032	25 49 8.5	9.459	0.326	82.8	845 846 1193	25 3048*
7539	6.5	7 35.73	2.4716	0.0032	26 59 32.7	9.446	0.322	77.5	463 468 473	27 2603
7540	8.8	7 43.84	2.4223	0.0031	28 51 9.8	9.436	0.316	75.1	2 388 389	28 2534
7541	8.5	16 7 59.04	+2.4747	+0.0032	+26 50 54.4	−9.416	+0.322	77.9	5 obs.[3]	26 2804
7542	8.3	8 6.06	2.4604	0.0032	27 23 30.2	9.407	0.321	75.7	109 212 460 473	27 2607
7543	9.0	8 11.52	2.4245	0.0031	28 44 35.8	9.400	0.317	76.5	388 389 392	28 2535
7544	9.2	8 12.30	2.4285	0.0031	28 35 36.0	9.399	0.317	80.5	767 768	28 2536
7545	9.2	8 15.13	2.4544	0.0032	27 36 45.4	9.395	0.320	84.2	992 1093 1094 1096	27 2608*
7546	9.3	16 8 15.41	+2.5074	+0.0033	+25 33 36.5	−9.395	+0.327	80.7	107 845 847 1291	25 3051*
7547	9.2	8 25.17	2.4159	0.0031	29 3 7.4	9.382	0.316	82.5	5 1707	— —
7548	7.5[4]	8 46.12	2.4153	0.0031	29 3 1.3	9.356	0.316	73.5	3 4 5 390	29 2792
7549	9.5	9 8.29	2.4002	0.0031	29 35 26.0	9.327	0.314	76 8	390 391 464	29 2793
7550	9.5	9 21.46	2.3998	0.0031	29 35 36.0	9.310	0.314	85.4	464 1816	29 2795

[1] Z. 212 468 469 473 1095 1097 [2] Z. 295 466 847 920 992 [3] Z. 108 111 467 915 920 [4] Double; larger

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7551	9.4	16h 9m 29.16	+2.4724	+0.0032	+26° 51′ 26.1	−9.300	+0.323	75.5	111 470	26° 2806
7552	9.5	9 38.26	2.3995	0.0031	29 35 15.3	9.288	0.314	81.5	846	— —
7553	9.3	9 49.61	2.4803	0.0032	26 32 14.2	9.273	0.325	77.8	6 obs.[1]	26 2807
7554	8.9	9 51.59	2.5235	0.0033	24 50 31.6	9.271	0.330	84.5	1093 1094 1096	24 2984
7555	9.0	10 2.64	2.3955	0.0031	29 42 38.3	9.257	0.314	72.4	3 4 5	29 2798
7556	8.1	16 10 33.24	+2.4923	+0.0033	+26 2 19.4	−9.217	+0.327	76.1	111 467 470	26 2809
7557	6.5	10 41.47	2.4477	0.0032	27 44 9.4	9.206	0.321	79.2	8 obs.	27 2613
7558	8.4	10 51.79	2.5026	0.0033	25 36 41.0	9.193	0.328	77.3	11 obs.	25 3056
7559	8.3	11 6.69	2.3881	0.0031	29 55 12.9	9.174	0.313	75.5	3 390 472	29 2799
7560	8.6	11 6.99	2.4951	0.0033	25 53 40.4	9.173	0.327	75.0	107 110 293 466	25 3057
7561	8.7	16 11 14.69	+2.4164	+0.0031	+28 52 26.2	−9.163	+0.317	75.1	2 388 389	28 2541
7562	9.4	11 22.47	2.4683	0.0032	26 54 50.7	9.153	0.324	82.5	768 846 1193	26 2813
7563	9.0	11 26.45	2.3914	0.0031	29 47 10.9	9.148	0.314	83.1	7 obs.	29 2802
7564	8.6	11 26.66	2.4060	0.0031	29 14 48.2	9.148	0.316	82.8	769 915 1195	29 2801
7565	9.1	11 42.79	2.4178	0.0031	28 48 23.0	9.127	0.318	75.1	2 388 392	28 2542
7566	5.5	16 11 44.36	+2.3998	+0.0031	+29 27 38.7	−9.125	+0.316	80.0	464 472 771 1097	29 2803
7567	8.9	11 46.82	2.4353	0.0032	28 8 35.2	9.122	0.321	85.5	1096 1098 1289 1290	28 2543
7568	9.1	11 47.64	2.3826	0.0031	30 4 43.8	9.120	0.314	84.8	847 1287 1288	30 2784*
7569	8.4	11 49.05	2.4496	0.0032	27 36 23.4	9.119	0.322	75.1	109 212 463	27 2616
7570	9.2	11 52.85	2.4360	0.0032	28 6 45.3	9.114	0.321	86.5	768 1705	28 2544*
7571	9.0	16 11 57.57	+2.4872	+0.0033	+26 9 34.7	−9.108	+0.327	73.5	111	— —
7572	7.5	12 10.35	2.3915	0.0031	29 44 10.3	9.091	0.315	77.7	5 obs.[2]	29 2805
7573	7.7	12 14.13	2.4398	0.0032	27 57 10.9	9.086	0.321	78.5	389 392 915	28 2545
7574	9.4	12 32.03	2.3853	0.0031	29 56 28.9	9.063	0.314	78.7	3 767 769 846	29 2806
7575	9.5	12 42.23	2.3852	0.0031	29 56 14.7	9.049	0.314	77.0	5 464 472 767	29 2807
7576	8.8	16 12 58.43	+2.4857	+0.0033	+26 10 5.7	−9.028	+0.327	79.7	209(2) 470 1706	26 2816
7577	6.5	13 12.89	2.4845	0.0033	26 12 8.4	9.010	0.328	79.5	7 obs.	26 2817
7578	9.4	13 28.36	2.4857	0.0033	26 8 38.2	8.989	0.328	88.5	1096 1708	26 2818
7579	9.4	13 29.02	2.4966	0.0033	25 43 8.6	8.988	0.329	77.3	5 obs.[3]	25 3063
7580	9.2	13 33.74	2.4804	0.0033	26 20 26.9	8.982	0.328	82.8	7 obs.	26 2819
7581	9.4	16 13 40.14	+2.4803	+0.0033	+26 20 16.7	−8.974	+0.328	81.1	5 obs.[4]	26 2820
7582	9.4	13 45.78	2.4947	0.0033	25 46 37.2	8.967	0.329	77.4	465	25 3064*
7583	9.1	13 49.15	2.4171	0.0032	28 42 50.3	8.962	0.319	76.5	388 389 392	28 2548
7584	8.9	13 59.25	2.3803	0.0032	30 2 28.8	8.949	0.315	84.5	847 1195 1291	30 2791
7585	9.5	14 0.66	2.4454	0.0032	27 39 9.3	8.947	0.323	75.7	109 212 463 468	27 2619
7586	9.4	16 14 0.97	+2.4686	+0.0032	+26 46 23.8	−8.947	+0.326	85.5	470 1816	26 2821
7587	9.4	14 3.90	2.5147	0.0034	24 58 55.5	8.943	0.332	77.5	466	— —
7588	9.2	14 3.96	2.4436	0.0032	27 42 54.3	8.943	0.323	81.5	212 991 1288	27 2620
7589	9.4	14 17.41	2.4451	0.0032	27 38 48.6	8.925	0.323	79.0	109 1093	27 2621
7590	9.5	14 20.78	2.4842	0.0033	26 9 27.1	8.921	0.328	77.0	111 767	26 2823
7591	8.5	16 14 25.75	+2.4799	+0.0033	+26 19 8.9	−8.915	+0.328	78.5	209 467 576 995	26 2824
7592	8.9	14 42.25	2.4595	0.0033	27 4 54.6	8.893	0.326	80.5	5 obs.[5]	27 2622
7593	9.1	14 59.27	2.5156	0.0034	24 54 14.6	8.871	0.332	84.8	846 1289 1290	24 2995*
7594	7.5	15 3.62	2.4444	0.0032	27 38 0.9	8.865	0.324	79.5	109 469 994 995	27 2623
7595	9.3	15 5.17	2.5154	0.0034	24 54 32.9	8.863	0.332	81.5	846	— —
7596	7.9	16 15 26.19	+2.4821	+0.0033	+26 11 12.2	−8.835	+0.329	74.8	108 111 470	26 2827
7597	8.4	15 27.04	2.4763	0.0033	26 24 18.7	8.834	0.328	79.5	467 576 915	26 2828
7598	9.3	15 32.99	2.4445	0.0032	27 36 18.2	8.827	0.324	81.1	463 768 1193	27 2625
7599	8.6	15 38.23	2.5055	0.0034	25 16 13.8	8.820	0.332	75.0	107 110 295 465	25 3068
7600	9.3	16 0.42	2.4448	0.0032	27 34 17.7	8.791	0.324	80.7	212 917 920 991	27 2628

[1] Z. 108 209(2) 767 769 992
[2] » 4 5 390 771 1291
[3] Z. 107 110 575 662 847
[4] » 108 917 920 990 991
[5] Z. 463 468 768 769 1292

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7601	9.1	16h 16m 5.58	+2.4114	+0.0032	+28° 48′ 5.5	−8.784	+0.320	76.5	388 389 392	28° 2551*
7602	9.4	16 6.70	2.4831	0.0033	26 6 44.2	8.782	0.330	80.2	111 769 1292	26 2831
7603	8 5	16 10.14	2.4420	0.0032	27 40 3.1	8.778	0.324	82.5	6 obs.[1]	27 2629
7604	8.6	16 10.43	2.3996	0.0032	29 13 46.1	8.777	0.318	73.4	3 4 5 390	29 2813
7605	8.4	16 11.57	2.3831	0.0032	29 49 14.5	8.776	0.317	79.2	391 472 994	29 2814
7606	9.5	16 16 14.66	+2.4835	+0.0033	+26 5 31.1	−8.772	+0.330	73.4	108	26 2832*
7607	9.2	16 21.75	2.4463	0.0033	27 29 50.0	8.763	0.325	83.2	919 920 995 1098	27 2630
7608	8.5	16 22.73	2.3976	0.0032	29 17 31.6	8.761	0.318	84.5	1093 1094 1100	29 2816
7609	9.5	16 44.94	2.4122	0.0032	28 44 25.7	8.732	0.321	78.5	392 767	28 2553
7610	8.8	16 46.80	2.4411	0.0032	27 40 16.4	8.730	0.324	80.8	212 991 1099	27 2631
7611	9.5	16 16 59.84	+2.4030	+0.0032	+29 3 55.2	−8.713	+0.320	74.7	3 5 390 472	29 2817
7612	8.6	17 2.98	2.5097	0.0034	25 2 14.8	8.708	0.334	74.5	107 110 293 295	25 3071
7613	9.4	17 5.59	2.4383	0.0032	27 45 42.6	8.705	0.324	79.8	468 769 846	27 2632
7614	9.0	17 27.73	2.5033	0.0034	25 16 7.6	8.676	0.333	74.1	107 110 294	25 3073
7615	8.3	17 40.16	2.4105	0.0032	28 45 16.8	8.660	0.321	78.5	388 389 915	28 2554
7616	9.4	16 17 46.79	+2.3720	+0.0032	+30 8 17.8	−8.651	+0.316	85.5	1193	*30 2799**
7617	8.5	17 53.92	2.3722	0.0032	30 7 28.5	8.642	0.316	88.5	1094 1707	*30 2801*
7618	9.3	17 57.65	2.4371	0.0033	27 45 30.1	8.637	0.324	77.2	109 463 468 767	27 2637
7619	9.2	17 58.56	2.4912	0.0033	25 42 43.3	8.635	0.332	84.5	1093 1098 1100	25 3074*
7620	9.4	18 3.46	2.3747	0.0032	30 1 51.5	8.629	0.316	93.4	1817	30 2802
7621	9.2	16 18 9.39	+2.5109	+0.0034	+24 56 23.5	−8.621	+0.334	85.8	1095 1290 1291	24 2999
7622	9.5	18 14.65	2.3870	0.0032	29 34 41.4	8.614	0.318	77.5	5 390 991	29 2818
7623	9.1	18 23.84	2.4455	0.0033	27 25 33.5	8.602	0.326	84.5	1094 1097 1099	27 2638*
7624	9.3	18 24.33	2.5108	0.0034	24 56 0.8	8.602	0.334	94.7	1708 1947 1949 1951	24 3000
7625	9.3	18 48.93	2.4153	0.0032	28 31 26.2	8.569	0.322	78.5	389 768	28 2556
7626	9.0	16 18 50.41	+2.4070	+0.0032	+28 49 33.5	−8.567	+0.321	81.5	392 920 994 995	28 2557
7627	9.3	18 51.61	2.5114	0.0034	24 53 26.5	8.566	0.335	84.5	1096	24 3001*
7628	8.5	18 52.18	2.4395	0.0033	27 37 45.2	8.565	0.325	75.7	109 212 463 468	27 2639
7629	6.8	18 54.16	2.4110	0.0032	28 40 27.0	8.562	0.321	84.5	392 1706	28 2559
7630	9.2	19 0.02	2.4952	0.0033	25 30 40.4	8.555	0.333	75.0	107 110 295 465	25 3076
7631	7.5	16 19 3.87	+2.3767	+0.0032	+29 54 22.3	−8.549	+0.317	74.7	3 4 390 472	29 2821
7632	9.2	19 4.05	2.3485	0.0032	30 54 18.5	8.549	0.314	87.0	1288 1383	*30 2806*
7633	9.4	19 8.91	2.4626	0.0033	26 45 2.9	8.543	0.329	74.8	108 111 467	— —
7634	8.9	19 12.85	2.4630	0.0033	26 44 0.9	8.538	0.329	75.3	6 obs.[2]	26 2835
7635	8.5	19 27.55	2.4129	0.0032	28 34 45.1	8.518	0.322	81.1	389 915 1098	28 2560
7636	9.3	16 19 28.54	+2.4287	+0.0033	+27 59 56.0	−8.517	+0.324	80.5	768 769	28 2561
7637	8.6	19 42.17	2.4273	0.0033	28 2 30.7	8.499	0.324	83.2	769 995 1195	28 2564
7638	9.1	19 45.58	2.4621	0.0033	26 44 10.4	8.494	0.329	78.0	467 576	26 2837
7639	9.5	20 3.35	2.5083	0.0034	24 57 34.7	8.471	0.335	94.9	1816 1948 1950 1953	25 3078
7640	9.0	20 6.91	2.3855	0.0032	29 32 18.1	8.466	0.319	74.1	4 5 471	29 2824
7641	9.3	16 20 16.25	+2.4117	+0.0032	+28 35 7.6	−8.454	+0.322	79.5	392 915	28 2565
7642	7.9	20 21.37	2.4937	0.0033	25 30 32.2	8.447	0.333	76.2	110 295 465 575	25 3079
7643	8.4	20 24.19	2.5108	0.0034	24 50 36.5	8.443	0.335	84.5	1093 1096 1097	24 3006
7644	9.5	20 40.33	2.4336	0.0033	27 45 32.3	8.422	0.326	73.5	109	— —
7645	9.3	20 42.31	2.4982	0.0034	25 19 18.4	8.419	0.334	86.5	1290 1292	25 3081*
7646	9.2	16 20 46.40	+2.4691	+0.0033	+26 25 33.5	−8.414	+0.331	86.5	1291	26 2840*
7647	9.1	20 46.90	2.3979	0.0032	29 3 24.2	8.413	0.321	78.5	3 390 472 1383	29 2827
7648	8.7	20 49.86	2.4952	0.0034	25 25 34.3	8.409	0.334	76.8	107 466 663	25 3082
7649	9.1	20 55.19	2.4290	0.0033	27 55 10.3	8.402	0.325	84.5	1094 1095 1099 1100	27 2643
7650	9.2	21 8.24	2.4806	0.0033	25 58 32.2	8.385	0.332	80.5	6 obs.[3]	26 2841

[1] Z. 469 768 847 1095 1099 1291 [2] Z. 108 111 209(2) 467 576 [3] Z. 108 470 919 920 993 994

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
7651	9.0	16h 21m 28s.04	+2s.4329	+0s.0033	+27° 44' 46".5	−8".359	+0".326	76.1	109 463 1098	27° 2644
7652	9.1	21 31.43	2.4430	0.0033	27 22 10.1	8.354	0.327	84.5	1093 1098	27 2645*
7653	9.1	21 41.95	2.4246	0.0033	28 2 34.3	8.340	0.325	88.5	1193 1634	28 2568*
7654	9.0	21 44.36	2.3952	0.0032	29 6 39.6	8.337	0.322	79.8	5 990 991	29 2830
7655	9.0	21 46.78	2.4065	0.0032	28 41 46.5	8.334	0.323	81.5	389 995 1101	28 2569
7656	9.5	16 21 56.24	+2.5024	+0.0034	+25 5 53.2	−8.321	+0.336	73.5	110	— —
7657	8.9	22 12.27	2.4477	0.0033	27 10 0.7	8.300	0.328	79.1	463 468 915	27 2646
7658	9.0	22 13.76	2.4917	0.0034	25 30 7.2	8.298	0.334	80.7	107 769 920 1290	25 3084
7659	9.2	22 15.06	2.4653	0.0033	26 30 15.8	8.296	0.331	80.5	209 990 994	26 2843
7660	9.1	22 37.47	2.4946	0.0034	25 22 22.2	8.267	0.335	86.5	1288 1291	25 3085*
7661	7.9	16 22 45.43	+2.4918	+0.0034	+25 28 30.7	−8.256	+0.335	77.7	107 465 663 772	25 3086
7662	6.5	22 45.61	2.4710	0.0034	26 15 47.8	8.256	0.332	81.2	576 768 1096	26 2845
7663	8.8	22 50.27	2.4562	0.0033	26 49 11.6	8.250	0.330	79.5	108 769 1099	26 2846
7664	9.3	22 56.11	2.5074	0.0034	24 51 49.3	8.242	0.336	86.5	1292	24 3011*
7665	8.6	23 9.25	2.4829	0.0034	25 47 40.4	8.224	0.334	84.2	991 1094 1098	25 3087
7666	8.4	16 23 13.98	+2.3697	+0.0032	+29 56 30.5	−8.218	+0.318	73.5	3 4 5 390	29 2833
7667	9.0	23 16.99	2.4390	0.0033	27 26 13.3	8.214	0.328	80.1	109 915 1101	27 2649
7668	9.2	23 23.27	2.4998	0.0034	25 8 17.8	8.206	0.336	75.5	110 917	— —
7669	6.8	23 33.55	2.3860	0.0033	29 21 9.8	8.192	0.321	83.2	772 1095 1097	29 2834
7670	9.0	23 38.90	2.4994	0.0034	25 8 33.2	8.185	0.336	80.3	5 obs.[1]	25 3090
7671	9.2	16 23 43.95	+2.3674	+0.0032	+30 0 18.3	−8.178	+0.319	78.9	5 obs.[2]	30 2817*
7672	9.2	23 51.91	2.5014	0.0034	25 3 21.0	8.168	0.337	80.5	767 769	25 3091*
7673	9.3	24 3.22	2.4519	0.0033	26 55 23.2	8.153	0.330	80.1	5 obs.[3]	26 2848
7674	9.3	24 33.42	2.4491	0.0033	27 0 10.9	8.112	0.330	76.1	109 463 468	27 2653
7675	9.1	24 50.55	2.3849	0.0033	29 19 50.0	8.089	0.322	86.5	1288	29 2835*
7676	8.5	16 24 58.64	+2.3992	+0.0033	+28 48 45.7	−8.079	+0.324	81.5	389 995 1095	28 2573
7677	9.4	25 13.29	2.3967	0.0033	28 53 21.1	8.059	0.323	79.5	389 915	28 2574
7678	9.1	25 23.75	2.3875	0.0033	29 12 49.3	8.045	0.322	84.5	1094 1096 1099	29 2837*
7679	9.4	25 39.13	2.4081	0.0033	28 27 39.4	8.025	0.325	83.5	920 993 1098	28 2576
7680	8.8	25 42.93	2.4225	0.0033	27 55 58.6	8.020	0.327	76.1	109 463 468	27 2655
7681	8.1	16 25 45.55	+2.4661	+0.0034	+26 19 9.5	−8.016	+0.333	79.7	108 576 991 994	26 2851
7682	8.5	25 57.06	2.3794	0.0033	29 28 30.7	8.001	0.322	73.4	3 4 5 390	29 2840
7683	8.9	26 4.17	2.3996	0.0033	28 44 41.0	7.991	0.324	80.5	389 768 1101	28 2579
7684	9.4	26 14.31	2.3757	0.0032	29 35 37.6	7.977	0.321	90.0	767 1708 1816 1817	29 2842
7685	7.9	26 15.66	2.4710	0.0034	26 6 46.3	7.976	0.334	79.8	467 576 995	26 2852
7686	9.4	16 26 17.71	+2.3788	+0.0033	+29 28 47.5	−7.973	+0.322	80.0	390 991	29 2843
7687	8.8	26 18.07	2.4826	0.0034	25 40 20.1	7.973	0.336	78.7	5 obs.[4]	25 3093
7688	8.5	26 26.02	2.4548	0.0033	26 42 39.8	7.962	0.332	77.9	108 915	26 2854
7689	9.1	26 40.60	2.3995	0.0033	28 43 18.0	7.942	0.325	83.5	917 1101	28 2580
7690	8.0	26 43.89	2.3670	0.0033	29 52 26.0	7.938	0.320	82.2	769 772 1193	29 2844
7691	9.1	16 26 44.66	+2.3834	+0.0033	+29 17 43.0	−7.937	+0.323	79.8	5 993 994	29 2845
7692	7.5	26 46.06	2.4653	0.0034	26 18 8.5	7.935	0.334	76.1	111 467 470	26 2855
7693	9.0	26 46.99	2.5016	0.0034	24 55 25.6	7.934	0.338	89.5	1288 1706	24 3020
7694	7.7	27 7.80	2.4963	0.0034	25 7 0.8	7.906	0.338	75.0	107 110 295 466	25 3094
7695	9.0	27 12.76	2.5013	0.0034	24 55 11.9	7.899	0.338	89.0	1194 1707	24 3022
7696	9.0	16 27 20.95	+2.3909	+0.0033	+28 59 54.9	−7.888	+0.324	74.5	4 390	29 2846
7697	8.6	27 23.33	2.3805	0.0033	29 21 59.3	7.885	0.323	79.5	472 767 768	29 2847
7698	7.9	27 24.24	2.4193	0.0033	27 58 32.3	7.884	0.327	78.6	7 obs.[5]	28 2581
7699	9.2	27 27.65	2.3603	0.0033	30 4 33.6	7.879	0.320	75.0	3 471	30 2828*
7700	9.3	27 40.99	2.4416	0.0033	27 8 54.7	7.861	0.331	91.5	1634	27 2656*

[1] Z. 110 663 917 919 994
[2] » 3 5 768 995 1193
[3] Z. 108 576 919 920 991
[4] » 107 110 465 1095 1097
[5] Z. 109(2) 392 468 769 995 1197

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7701	9.4	16h 27m 57s.62	+2s.5029	+0s.0034	+24° 49' 30".3	−7".839	+0".340	87.5	1383	24° 3024*
7702	8.8	28 3.70	2.4162	0.0033	28 3 34.4	7.831	0.328	75.5	113 389 392	28 2582
7703	7.8	28 9.76	2.4730	0.0034	25 57 22.8	7.823	0.335	78.2	295 662 663	25 3097
7704	8.4	28 22.71	2.4941	0.0034	25 8 46.4	7.805	0.339	80.7	5 obs.[1]	25 3098
7705	9.1	28 22.80	2.3876	0.0033	29 4 19.4	7.805	0.324	75.8	4 471 472	29 2850
7706	8.8	16 28 34.05	+2.4814	+0.0034	+25 37 27.8	−7.790	+0.337	82.1	5 obs.[2]	25 3099
7707	9.0	28 38.30	2.4970	0.0034	25 1 33.8	7.784	0.339	80.9	5 obs.[3]	25 3100
7708	9.4	28 48.83	2.4625	0.0034	26 19 23.6	7.770	0.335	75.5	111 470	— —
7709	7.7	28 54.43	2.4779	0.0034	25 44 23.0	7.763	0.337	79.9	5 obs.[4]	25 3101
7710	8.8	29 19.81	2.4996	0.0034	24 54 2.4	7.729	0.340	84.5	1094 1097 1099	24 3027
7711	9.2	16 29 27.03	+2.4632	+0.0034	+26 16 11.4	−7.719	+0.335	74.9	108 111 209 (2) 576	26 2860
7712	9.3	29 37.72	2.4998	0.0034	24 52 42.2	7.704	0.340	85.5	1096 1289	24 3028
7713	9.2	29 44.10	2.4869	0.0034	25 21 56.9	7.696	0.338	80.5	5 obs.[5]	25 3103
7714	9.3	30 1.47	2.4621	0.0034	26 17 15.1	7.672	0.335	77.5	470	26 2862*
7715	9.0	30 16.83	2.3759	0.0033	29 23 53.6	7.652	0.323	82.5	5 1709	— —
7716	9.0	16 30 26.00	+2.4114	+0.0033	+28 7 45.2	−7.639	+0.329	75.0	112 113 389 392	28 2585
7717	8.8	30 27.33	2.4496	0.0033	26 43 58.5	7.638	0.333	76.2	108 296 467 576	26 2863
7718	8.9	30 42.47	2.3746	0.0033	29 25 40.8	7.617	0.323	73.8	3 4 390	29 2851
7719	8.5	30 43.37	2.4111	0.0033	28 7 45.8	7.616	0.329	75.5	5 obs.[6]	28 2586
7720	9.0	30 51.99	2.4749	0.0034	25 46 27.6	7.604	0.337	75.7	5 obs.[7]	25 3107
7721	8.5	16 30 59.35	+2.3577	+0.0033	+30 0 10.5	−7.594	+0.321	79.8	471 472 1097	30 2843
7722	9.4	31 0.02	2.3631	0.0033	29 49 0.3	7.594	0.322	86.2	1193 1288 1291	29 2854
7723	9.5	31 9.16	2.4152	0.0033	27 57 42.8	7.581	0.329	75.5	109 468	— —
7724	9.3	31 18.46	2.4413	0.0033	27 0 14.3	7.569	0.333	89.5	1292 1708	27 2657
7725	9.3	31 28.31	2.3862	0.0033	28 58 52.6	7.555	0.325	79.6	7 obs.	28 2587*
7726	9.5	16 31 30.98	+2.4785	+0.0034	+25 36 51.8	−7.552	+0.338	73.5	110	25 3108*
7727	7.7	31 42.93	2.4468	0.0033	26 47 21.1	7.536	0.334	76.2	111 297 467 576	26 2864
7728	9.3	31 53.33	2.4615	0.0034	26 13 58.5	7.521	0.336	75.7	5 obs.[8]	26 2865
7729	9.5	32 0.18	2.3757	0.0033	29 19 56.6	7.512	0.325	94.1	1817 1922 1924	29 2855
7730	8.2	32 0.43	2.4404	0.0033	27 0 22.8	7.512	0.333	79.2	109 473 769 1197	27 2659
7731	9.5	16 32 2.05	+2.3762	+0.0033	+29 18 55.0	−7.510	+0.325	80.5	767 768	29 2856*
7732	9.4	32 7.64	2.4130	0.0033	27 59 57.8	7.502	0.329	93.0	1710 1818	28 2588
7733	9.1	32 30.99	2.3998	0.0033	28 27 27.8	7.470	0.328	84.5	1095 1096 1097 1099	28 2589*
7734	8.0	32 38.52	2.4230	0.0033	27 37 1.1	7.460	0.331	81.5	5 obs.[9]	27 2660
7735	7.6	32 38.97	2.3818	0.0033	29 5 23.1	7.460	0.326	74.1	3 5 471	29 2858
7736	9.1	16 32 41.22	+2.3991	+0.0033	+28 28 33.4	−7.457	+0.328	84.5	1100	28 2590*
7737	6.5	32 44.82	2.4317	0.0033	27 17 46.5	7.452	0.333	82.5	6 obs.[10]	27 2661
7738	8.8	32 58.83	2.4234	0.0033	27 35 16.6	7.433	0.332	81.3	6 obs.[11]	27 2662
7739	8.7	33 6.24	2.3625	0.0033	29 44 48.0	7.423	0.323	80.5	5 obs.[12]	29 2859
7740	8.7	33 7.60	2.4752	0.0034	25 40 35.8	7.421	0.338	74.1	107 110 295	25 3110
7741	9.0	16 33 8.13	+2.4200	+0.0033	+27 42 21.6	−7.420	+0.331	83.8	919 993 1098 1101	27 2663
7742	8.0	33 21.86	2.3569	0.0033	29 55 45.6	7.402	0.322	74.1	3 4 471	29 2860
7743	9.0	33 29.46	2.3571	0.0033	29 55 4.1	7.391	0.322	77.7	4 471 472 995	29 2861
7744	7.4	33 54.24	2.4937	0.0034	24 56 50.5	7.358	0.341	84.5	1094 1095 1100	24 3038
7745	9.5	34 1.94	2.4936	0.0034	24 56 45.8	7.347	0.341	93.4	1816 1819	24 3040
7746	9.1	16 34 2.47	+2.3802	+0.0033	+29 5 6.4	−7.347	+0.326	85.5	1193 1198 1199	29 2863
7747	9.0	34 7.37	2 4347	0.0033	27 8 2.9	7.340	0.334	78.3	109 (2) 468 769 1292	27 2664
7748	9.4	34 8.26	2.3914	0.0033	28 41 23.9	7.339	0.327	75.5	112 389 392	28 2591
7749	9.0	34 9.77	2.4412	0.0034	26 53 31.2	7.337	0.334	74.1	108 111 297	26 2872
7750	9.1	34 11.74	2.4102	0.0033	28 0 51.4	7.334	0.330	86.5	1288 1291	28 2592*

[1] Z. 110 768 772 1095 1098
[2] » 575 915 916 991 994
[3] » 110 663 769 1198 1199
[4] » 107 662 771 772 1193
[5] Z. 107 295 1095 1100 1101
[6] » 112 113 389 392 474
[7] » 107 110 295 465 575
[8] » 108 111 297 470 576
[9] Z. 463 772 920 991 994
[10] » 473 769 771 1194 1195 1196
[11] » 463 468 920 991 992 994
[12] » 390 472 768 771 1383

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7751	9.3	16h 34m 11s.94	+2s.4718	+0s.0034	+25° 45′ 38″.2	−7″.334	+0″.339	76.0	107 575	25° 3111*
7752	9.0	34 25.00	2.4545	0.0034	26 23 44.7	7.316	0.336	80.1	5 obs.[1]	26 2874
7753	7.3	34 29.78	2.3689	0.0033	29 27 50.4	7.309	0.325	84.2	991 1096 1099	29 2864
7754	9.1[2]	34 34.01	2.4304	0.0033	27 16 10.2	7.304	0.333	86.5	1289 1290	27 2666*
7755	9.5	34 38.26	2.4698	0.0034	25 49 11.1	7.298	0.339	73.5	110	— —
7756	8.2	16 34 51.70	+2.4705	+0.0034	+25 46 49.8	−7.280	+0.339	76.0	110 575	25 3113
7757	9.2[3]	35 8.88	2.3741	0.0033	29 15 21.3	7.256	0.326	76.5	5 769	29 2865
7758	9.3	35 9.99	2.3931	0.0033	28 35 5.0	7.255	0.329	76.8	389 392 474	28 2595
7759	9.3	35 14.10	2.3771	0.0033	29 8 45.7	7.249	0.326	82.5	4 1709	29 2866*
7760	8.1	35 34.54	2.3492	0.0033	30 6 4.7	7.221	0.323	78.5	3 471 472 1288	30 2858
7761	7.9	16 35 45.42	+2.3761	+0.0033	+29 9 32.2	−7.207	+0.326	80.1	4 991 1098	29 2867
7762	6.0	35 49.59	2.4877	0.0034	25 6 5.5	7.201	0.342	84.5	1094 1095 1099	25 3115
7763	9.3	35 57.04	2.4621	0.0034	26 3 11.2	7.191	0.338	86.2	920 990 1708	26 2876*
7764	9.0	35 58.18	2.4427	0.0033	26 45 58.1	7.190	0.336	76.2	209(2) 467 576	26 2877
7765	9.4	36 1.10	2.4612	0.0034	26 5 6.3	7.185	0.338	92.4	990 1947 1948 1949	26 2878
7766	9.4	16 36 4.06	+2.3948	+0.0033	+28 29 28.3	−7.181	+0.329	81.5	392 1291	28 2599
7767	8.9	36 6.88	2.3814	0.0033	28 57 40.2	7.177	0.327	80.2	389 474 1290	28 2600
7768	9.1	36 7.10	2.4032	0.0033	28 11 12.4	7.177	0.330	86.5	1292	28 2601*
7769	7.3	36 26.84	2.4544	0.0034	26 19 21.3	7.150	0.337	82.2	576 995 1097	26 2879
7770	9.2	36 30.12	2.4737	0.0034	25 36 5.7	7.146	0.340	73.4	107	25 3116*
7771	6.0	16 36 32.48	+2.4313	+0.0033	+27 9 32.3	−7.143	+0.334	76.5	109 463 468 473	27 2668
7772	9.3	36 41.00	2.4515	0.0034	26 24 56.0	7.131	0.337	84.0	994 1096	26 2881
7773	8.7	36 51.78	2.3604	0.0033	29 39 41.8	7.116	0.325	82.5	5 1706	29 2869
7774	8.9	37 1.75	2.4715	0.0034	25 39 57.3	7.103	0.340	77.2	107 110 663 917	25 3118
7775	9.5	37 4.15	2.4291	0.0033	27 13 9.2	7.099	0.334	79.0	468 769	27 2670
7776	8.8	16 37 5.02	+2.4714	+0.0034	+25 40 3.1	−7.098	+0.340	80.8	7 obs.	25 3119
7777	9.4	37 38.52	2.3520	0.0033	29 55 4.9	7.052	0.324	77.1	390 471 472	29 2871
7778	9.2	37 42.60	2.3666	0.0033	29 24 39.9	7.047	0.326	77.5	472	— —
7779	7.1	37 47.54	2.4592	0.0033	26 5 34.0	7.040	0.339	84.0	995 1101	26 2882
7780	9.2	37 54.44	2.4410	0.0033	26 45 26.6	7.031	0.336	85.5	1095 1288	26 2883*
7781	8.2	16 37 59.54	+2.4536	+0.0033	+26 17 36.7	−7.024	+0.338	80.8	467 576 1291	26 2885
7782	8.9	38 3.57	2.3786	0.0033	28 58 39.7	7.018	0.328	80.5	5 obs.[4]	29 2873
7783	9.4	38 5.15	2.4124	0.0033	27 47 3.0	7.016	0.333	77.5	463 473	27 2672
7784	9.0	38 5.27	2.3624	0.0033	29 32 27.3	7.016	0.326	83.5	994 995	29 2874
7785	8.2	38 10.46	2.4780	0.0034	25 22 37.9	7.009	0.341	77.1	107 110 1101	25 3122
7786	9.5	16 38 22.46	+2.4197	+0.0033	+27 30 29.3	−6.992	+0.334	80.0	109 1292	27 2673
7787	9.5	38 29.27	2.4325	0.0033	27 2 31.2	6.983	0.335	93.4	1817 1822	27 2674
7788	9.0	38 31.56	2.4498	0.0033	26 24 37.3	6.980	0.338	82.0	209 1096 1100 1102	26 2888
7789	8.6	38 34.27	2.3717	0.0033	29 12 8.2	6.976	0.327	77.8	4 471 990	29 2875
7790	8.3	38 45.73	2.4480	0.0033	26 27 57.2	6.961	0.338	78.2	470 576 577	26 2889
7791	9.5	16 38 47.61	+2.4374	+0.0033	+26 51 12.0	−6.958	+0.336	94.0	1818 1924	26 2890
7792	9.5	38 50.41	2.4031	0.0033	28 4 52.7	6.954	0.332	76.5	389 392	28 2603
7793	9.5	38 51.23	2.4369	0.0033	26 52 5.1	6.953	0.336	93.5	1820 1821	26 2891
7794	8.7	39 2.90	2.3919	0.0033	28 28 29.8	6.937	0.330	75.2	112 113 389 474	28 2605
7795	9.4	39 11.29	2.3480	0.0033	29 59 42.7	6.926	0.324	86.5	1290	30 2867*
7796	8.5	16 40 3.94	+2.3558	+0.0033	+29 41 30.8	−6.854	+0.326	74.7	4 5 390 472	29 2876
7797	9.0	40 5.48	2.4751	0.0034	25 25 12.6	6.851	0.342	75.1	107 110 575	25 3126
7798	7.1[5]	40 6.67	2.3875	0.0033	28 35 15.0	6.850	0.330	75.2	112 113 389 474	28 2607
7799	8.1	40 7.56	2.4913	0.0034	24 48 50.5	6.849	0.345	84.7	1095 1097 1099 1193	24 3050
7800	8.5	40 26.76	2.4366	0.0033	26 49 19.6	6.822	0.337	75.9	111 209(2) 576 577	26 2894

[1] Z. 209 576 767 990 993
[2] Close double; middle
[3] Close double; south preceding
[4] Z. 5 769 771 1094 1099
[5] Double; north preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7801	9.3	16h 40m 29.40	+2.4845	+0.0034	+25° 3' 21.3	−6.819	+0.344	79.5	662 663	25° 3128
7802	8.2	40 29.79	2.4218	0.0033	27 21 19.7	6.818	0.335	79.3	5 obs.[1]	27 2680
7803	8.9	40 31.63	2.4582	0.0033	26 1 42.9	6.816	0.340	76.5	297 470	26 2895
7804	8.6	40 36.44	2.4203	0.0033	27 24 21.6	6.809	0.335	78.0	109 468 769 772	27 2681
7805	9.0	40 50.92	2.4815	0.0034	25 9 8.7	6.789	0.343	77.2	107 295 662 771	25 3130
7806	8.2	16 40 57.01	+2.4513	+0.0033	+26 15 56.5	−6.781	+0.339	79.2	111 467 915 991	26 2896
7807	9.0	40 59.97	2.3476	0.0033	29 56 7.8	6.777	0.325	77.0	390 393	29 2878
7808	8.8	41 5.03	2.4893	0.0034	24 51 18.4	6.770	0.345	85.5	1194 1195	24 3053
7809	9.1	41 7.68	2.4209	0.0033	27 21 47.7	6.766	0.336	81.5	473 1196	27 2682
7810	8.5	41 18.12	2.4220	0.0033	27 19 11.1	6.752	0.336	82.2	468 1097 1102	27 2683
7811	9.1	16 41 20.54	+2.4123	+0.0033	+27 39 46.9	−6.748	+0.334	84.8	1096 1100 1197	27 2684*
7812	9.2	41 24.16	2.4741	0.0034	25 24 41.9	6.744	0.342	85.5	1198 1199 1202	25 3131*
7813	9.4	41 37.06	2.4720	0.0034	25 28 56.5	6.726	0.342	84.5	1098	25 3133*
7814	9.3	41 37.59	2.4237	0.0033	27 14 53.0	6.725	0.336	88.0	995 1708	— —
7815	8.7	41 41.54	2.4260	0.0033	27 9 28.4	6.720	0.336	81.5	473 990 992	27 2686
7816	9.5	16 41 43.38	+2.4575	+0.0033	+26 0 56.4	−6.717	+0.341	85.5	470 1816	26 2898
7817	9.5	41 46.00	2.4606	0.0033	25 53 48.0	6.713	0.341	83.0	110 1707	25 3134*
7818	9.3	41 54.25	2.4235	0.0033	27 14 30.9	6.702	0.336	81.5	769 772 995	27 2687
7819	9.5	41 58.24	2.4569	0.0033	26 1 34.4	6.697	0.341	78.5	576	26 2900*
7820	9.0	41 59.51	2.3828	0.0033	28 40 53.8	6.695	0.330	74.5	112 113 392	28 2610
7821	9.5	16 42 5.82	+2.4488	+0.0033	+26 19 18.3	−6.686	+0.340	80.0	111 1292	26 2902
7822	8.4	42 6.50	2.3606	0.0033	29 26 59.7	6.685	0.327	77.5	4 472 915	29 2881
7823	9.1	42 11.17	2.3744	0.0033	28 58 1.9	6.679	0.329	82.0	474 990 991 992	28 2611
7824	9.4	42 19.49	2.4056	0.0033	27 52 0.7	6.667	0.334	83.0	109 1710	27 2688
7825	9.2	42 22.57	2.3745	0.0033	28 57 26.1	6.663	0.329	79.0	474 770	28 2612*
7826	8.2	16 42 26.30	+2.3841	+0.0033	+28 37 20.5	−6.658	+0.331	78.5	389 772	28 2613
7827	8.4[2]	42 27.26	2.4609	0.0033	25 51 46.8	6.657	0.341	76.0	110 575	25 3136
7828	9.1	42 27.61	2.4354	0.0033	26 47 23.1	6.656	0.338	85.5	1095 1099 1383	26 2903*
7829	8.9	42 28.87	2.3511	0.0033	29 45 49.2	6.655	0.326	75.5	5 390 471	29 2882
7830	9.1	42 35.58	2.4270	0.0033	27 5 21.4	6.645	0.337	84.5	1098 1101	27 2689*
7831	7.8	16 42 56.55	+2.4630	+0.0033	+25 46 5.8	−6.616	+0.342	79.0	107 1102	25 3137
7832	8.1	43 6.86	2.3981	0.0033	28 6 11.8	6.602	0.333	75.5	112 389 392	28 2614
7833	7.8	43 27.45	2.4337	0.0033	26 49 14.0	6.574	0.338	75.5	209(2) 296 297 470	26 2904
7834	9.1	43 28.01	2.4702	0.0034	25 29 6.2	6.573	0.343	81.7	5 obs.[3]	25 3139*
7835	9.4	43 32.43	2.4224	0.0033	27 13 18.3	6.567	0.337	78.8	109 468 1196	27 2693
7836	9.4	16 43 56.96	+2.4689	+0.0033	+25 30 58.9	−6.533	+0.343	77.7	110 575 662 663	25 3140
7837	9.2	44 3.13	2.4669	0.0033	25 35 18.1	6.525	0.343	82.5	295 1097 1100 1197	25 3141
7838	6.8	44 23.50	2.3366	0.0033	30 10 51.2	6.497	0.325	85.0	1095 1098 1101 1296	*30 2880*
7839	8.8	44 23.79	2.4629	0.0033	25 43 20.5	6.496	0.342	82.3	107 1099 1199 1201	25 3145
7840	8.3	44 25.55	2.4484	0.0033	26 15 11.9	6.494	0.341	75.8	111 297 576	26 2906
7841	9.5	16 44 33.67	+2.3779	+0.0033	+28 45 25.9	−6.483	+0.331	73.5	113	28 2615*
7842	8.7	44 40.22	2.3835	0.0033	28 33 34.6	6.474	0.332	78.8	6 obs.[4]	28 2616
7843	9.5	44 40.37	2.3704	0.0033	29 0 47.5	6.473	0.330	74.1	4 5 471	29 2886
7844	7.8	44 46.37	2.3822	0.0033	28 36 4.5	6.465	0.332	75.5	112 389 392	28 2618
7845	9.1	44 57.33	2.4261	0.0033	27 2 26.4	6.450	0.338	84.5	1096 1102 1103	27 2695*
7846	9.3	16 44 58.33	+2.4195	+0.0033	+27 16 33.7	−6.448	+0.337	81.7	473 770 915 1291	27 2696
7847	7.0	44 58.37	2.4431	0.0033	26 25 31.3	6.448	0.340	77.2	295 470 577	26 2907
7848	9.2	45 0.72	2.4524	0.0033	26 5 14.3	6.445	0.342	74.8	111 296 297	26 2908
7849	8.9	45 6.58	2.4220	0.0033	27 10 57.4	6.437	0.337	81.0	109 990 991 992	27 2698
7850	8.9	45 15.75	2.3769	0.0033	28 46 7.3	6.424	0.331	79.2	113 474 1292	28 2619

[1] Z. 109 473 769 771 1101
[2] Close double; south following
[3] Z. 110 662 1096 1193 1195
[4] Z. 112 389 392 769 771 1200

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7851	9.1	16h 45m 15s.95	+2s.4161	+0s.0033	+27° 23' 13".8	−6".424	+0".336	85.5	1097 1290	27°2699*
7852	8.9	45 25.17	2.3966	0.0033	28 4 22.3	6.411	0.334	84.3	579 1194 1293 1294	28 2620
7853	8.9	45 28.55	2.4675	0.0033	25 31 1.3	6.407	0.344	83.8	107 1195 1706	25 3147
7854	8.8	45 34.13	2.3658	0.0033	29 8 33.4	6.399	0.329	79.8	390 472 1196	29 2888
7855	6.1	45 46.30	2.3399	0.0033	30 1 15.9	6.382	0.326	85.0	471 1099 1193 1707	30 2884
7856	8.5	16 45 54.40	+2.4174	+0.0033	+27 19 14.8	−6.371	+0.337	81.5	5 obs.[1]	27 2702
7857	8.0	46 18.55	2.3462	0.0033	29 47 11.3	6.338	0.327	73.8	4 5 390	29 2889
7858	9.1	46 25.68	2.4838	0.0033	24 53 0.6	6.328	0.346	85.0	1096 1197	24 3068
7859	8.8	46 26.58	2.3766	0.0033	28 44 11.9	6.327	0.331	80.3	113 771 992 995	28 2622
7860	7.0	46 28.63	2.3881	0.0033	28 20 0.0	6.324	0.333	76.8	389 392 474	28 2623
7861	5.3	16 46 34.38	+2.4841	+0.0033	+24 52 5.1	−6.316	+0.346	84.8	1095 1098 1102 1201	24 3069
7862	7.0	46 38.74	2.4639	0.0033	25 36 43.8	6.310	0.344	74.1	107 110 295	25 3150
7863	9.5	46 42.27	2.4228	0.0033	27 5 53.6	6.304	0.339	76.1	109 468 473	27 2703
7864	8.9	46 44.07	2.3662	0.0032	29 5 14.1	6.302	0.331	81.2	472 772 1199	29 2890
7865	6.8	46 53.41	2.3721	0.0032	28 52 34.5	6.289	0.331	79.5	112 579 770 1200	28 2624
7866	9.4	16 46 58.73	+2.3414	+0.0032	+29 55 33.7	−6.282	+0.327	77.8	4 769 771	29 2891
7867	9.1	46 59.67	2.3978	0.0033	27 58 29.1	6.280	0.335	85.0	1095 1202	28 2625
7868	9.0	47 16.41	2.3763	0.0032	28 43 3.1	6.257	0.332	81.5	579 1100	28 2626
7869	9.5	47 47.61	2.4738	0.0033	25 12 35.9	6.214	0.346	73.5	107 110	— —
7870	9.0	47 57.69	2.3834	0.0033	28 26 54.3	6.200	0.333	75.8	113 389 474	28 2629
7871	9.1	16 48 2.58	+2.4470	+0.0033	+26 11 2.5	−6.193	+0.342	75.5	111 296 470	26 2910
7872	9.5	48 6.98	2.4475	0.0033	26 9 39.5	6.187	0.342	77.5	470	— —
7873	9.3	48 21.00	2.4724	0.0033	25 14 49.2	6.168	0.346	79.0	6 obs.[2]	25 3152
7874	9.1	48 22.62	2.3534	0.0032	29 28 4.8	6.166	0.329	78.1	5 471 1099	29 2892
7875	9.1	48 25.17	2.3467	0.0032	29 41 51.2	6.162	0.328	80.3	5 obs.[3]	29 2893
7876	8.6	16 48 26.82	+2.4372	+0.0033	+26 31 35.7	−6.160	+0.341	78.5	111 297 576 1291	26 2911
7877	8.9	48 29.14	2.4336	0.0033	26 39 20.4	6.157	0.340	82.8	577 992 1096 1098	26 2912
7878	9.2	48 33.29	2.3486	0.0032	29 37 35.3	6.151	0.329	85.5	1195	29 2894*
7879	9.4	48 39.31	2.4345	0.0033	26 37 7.1	6.143	0.341	81.8	576 990 992	26 2913
7880	9.1	48 39.75	2.4512	0.0033	26 0 39.3	6.142	0.343	89.0	1196 1709	26 2914
7881	8.9	16 48 40.53	+2.3452	+0.0032	+29 44 13.2	−6.141	+0.328	81.8	472 995 1102	29 2895
7882	9.1	48 47.65	2.4517	0.0033	25 59 22.5	6.131	0.343	83.5	6 obs.[4]	26 2915
7883	8.7	49 4.99	2.3572	0.0032	29 18 43.0	6.107	0.330	81.0	6 obs.[5]	29 2896
7884	8.5	49 5.16	2.4010	0.0033	27 47 43.3	6.107	0.336	77.4	8 obs.	27 2706
7885	9.0	49 11.96	2.3590	0.0032	29 15 4.0	6.097	0.330	84.5	390 1710	29 2897*
7886	9.4	16 49 13.50	+2.3992	+0.0033	+27 51 14.5	−6.095	+0.336	77.5	468	— —
7887	9.2	49 18.36	2.3998	0.0033	27 49 50.7	6.088	0.336	84.1	5 obs.[6]	27 2707
7888	9.1	49 20.75	2.4088	0.0033	27 30 34.6	6.085	0.337	82.9	772 995 1100	27 2708
7889	9.3	49 21.24	2.3411	0.0032	29 51 13.2	6.084	0.328	86.5	1290 1292	29 2898
7890	9.1	49 28.88	2.4055	0.0033	27 37 21.5	6.074	0.337	77.0	114 769	27 2710
7891	6.4	16 49 55.20	+2.4523	+0.0033	+25 56 0.9	−6.037	+0.343	79.1	107 110 295 1296	25 3156
7892	7.6	49 56.96	2.3846	0.0033	28 20 18.1	6.035	0.335	77.5	392 474 579	28 2633
7893	8.6	50 2.33	2.3705	0.0032	28 49 28.1	6.027	0.333	84.8	1096 1099 1194	28 2634
7894	7.3	50 6.23	2.3583	0.0032	29 14 27.8	6.021	0.331	78.5	5 390 471 1384	29 2902
7895	9.4	50 8.46	2.3735	0.0032	28 43 11.5	6.019	0.333	80.3	5 obs.[7]	28 2635
7896	9.3	16 50 32.09	+2.4113	+0.0033	+27 22 57.1	−5.986	+0.338	81.0	114 769 1102 1195	27 2714
7897	8.8	50 33.15	2.4581	0.0033	25 42 7.0	5.984	0.344	84.8	1095 1101 1196	25 3157
7898	9.5	50 42.84	2.4437	0.0033	26 13 4.4	5.971	0.343	73.5	111	26 2918*
7899	9.1	51 2.84	2.4684	0.0033	25 18 43.1	5.943	0.346	84.8	1097 1100 1197	25 3159*
7900	8.3	51 8.99	2.4101	0.0033	27 24 16.6	5.934	0.338	76.5	114 473 578	27 2719

[1] Z. 473 769 770 1100 1101
[2] » 107 110 575 915 920 991
[3] » 4 472 771 1194 1201
[4] Z. 296 577 1095 1101 1199 1708
[5] » 5 390 771 1197 1200 1202
[6] Z. 468 990 991 994 1711
[7] » 113 579 771 920 1291

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7901	9.3	16h 51m 26.s44	+2.s4190	+0.s0033	+27° 4′ 58.″5	−5.″910	+0.″340	81.0	109 770 1098 1199	27° 2722
7902	8.9	51 36.55	2.3736	0.0032	28 40 1.8	5.896	0.333	75.5	113 389 392	28 2637
7903	9.0	51 36.75	2.4416	0.0033	26 15 56.3	5.896	0.343	75.5	111 296 297 470	26 2921
7904	9.3	51 45.53	2.3996	0.0032	27 45 33.3	5.883	0.337	83.2	920 991 992 994	27 2723
7905	9.0	51 47.61	2.4724	0.0033	25 8 21.8	5.881	0.347	75.8	110 295 575	25 3162
7906	9.2	16 51 54.71	+2.4116	+0.0033	+27 19 44.6	−5.871	+0.339	82.3	468 769 1200 1201	27 2724
7907	8.8	51 55.11	2.3777	0.0032	28 31 2.4	5.870	0.334	79.2	113 579 1202	28 2639
7908	8.3	51 56.83	2.3405	0.0032	29 47 11.9	5.868	0.329	76.2	4 472 581	29 2905
7909	9.5	51 59.32	2.4628	0.0033	25 29 6.9	5.864	0.346	83.4	107 1816	25 3164
7910	8.9	52 1.91	2.3544	0.0032	29 18 46.0	5.861	0.331	75.8	5 471 472	29 2906
7911	8.5	16 52 4.64	+2.4661	+0.0033	+25 21 49.8	−5.857	+0.346	86.0	663 1706	25 3165
7912	9.2	52 17.93	2.3560	0.0032	29 15 1.6	5.838	0.331	83.1	5 obs.[1]	29 2909
7913	6.3	52 23.18	2.4608	0.0033	25 32 50.5	5.831	0.346	82.3	663 664 1099 1196	25 3166
7914	9.2	52 29.70	2.4702	0.0033	25 12 2.0	5.822	0.347	85.5	1097 1290	25 3167*
7915	8.9	52 29.93	2.4632	0.0033	25 27 29.9	5.822	0.346	80.8	110 1095 1101	25 3168
7916	9.3	16 52 31.31	+2.4655	+0.0033	+25 22 27.6	−5.820	+0.346	86.5	1291 1292	25 3169
7917	9.2	52 32.72	2.4669	0.0033	25 19 19.8	5.818	0.347	85.5	1098 1294	25 3170*
7918	9.2	52 33.39	2.4177	0.0032	27 5 31.8	5.817	0.340	79.7	5 obs.[2]	27 2725
7919	9.5	52 40.16	2.4177	0.0032	27 5 13.1	5.807	0.340	93.4	1817 1818	27 2726
7920	9.3	52 41.29	2.3607	0.0032	29 4 22.2	5.806	0.332	84.5	390 1709	29 2910*
7921	9.1	16 52 59.61	+2.4651	+0.0033	+25 22 26.7	−5.780	+0.346	78.2	107 295 772 994	25 3172
7922	8.6	53 4.58	2.4608	0.0033	25 31 53.8	5.773	0.346	80.5	575 915	25 3174
7923	9.5	53 6.60	2.4169	0.0032	27 6 18.3	5.770	0.340	87.0	771 1819	27 2727
7924	9.5	53 18.56	2.3516	0.0032	29 21 47.6	5.754	0.331	72.5	4	— —
7925	8.6	53 23.23	2.3794	0.0032	28 24 38.1	5.747	0.335	76.5	389 392	28 2642
7926	9.1	16 53 27.16	+2.3508	+0.0032	+29 23 14.4	−5.742	+0.331	81.2	4 1197 1199	29 2912*
7927	9.0	53 35.02	2.3800	0.0032	28 22 56.7	5.731	0.335	75.0	113 389	28 2643
7928	9.5	53 42.70	2.4421	0.0032	26 11 13.2	5.720	0.344	76.5	111 470 576	26 2926
7929	9.5	53 44.73	2.4382	0.0032	26 19 34.1	5.717	0.344	93.5	1820 1821	26 2927
7930	8.3	53 47.29	2.3955	0.0032	27 50 10.5	5.713	0.337	81.8	468 991 1102	27 2728
7931	9.3	16 53 54.40	+2.3996	+0.0032	+27 41 31.5	−5.704	+0.338	75.8	109 114 772	27 2730
7932	8.6	53 58.13	2.4705	0.0033	25 8 50.2	5.699	0.348	79.5	6 obs.[3]	25 3175
7933	9.3	54 3.93	2.3792	0.0032	28 23 48.7	5.690	0.335	76.5	392	— —
7934	9.5	54 30.19	2.3509	0.0032	29 21 13.8	5.653	0.332	75.0	5 472	29 2914
7935	9.5	54 30.28	2.3506	0.0032	29 21 45.0	5.653	0.332	77.5	472	— —
7936	9.0	16 54 31.60	+2.4245	+0.0032	+26 47 43.9	−5.651	+0.342	85.5	1095 1100 1383	26 2928
7937	7.7	54 42.19	2.3393	0.0032	29 44 18.3	5.637	0.330	81.5	5 991 1098 1196	29 2915
7938	9.1	54 42.81	2.4015	0.0032	27 35 56.9	5.636	0.339	84.5	1096 1101	27 2731*
7939	8.9	54 52.35	2.4285	0.0032	26 38 15.9	5.622	0.343	78.9	470 577 772	26 2930
7940	7.2	54 52.47	2.4041	0.0032	27 30 13.3	5.622	0.339	73.5	109 114	27 2733
7941	9.4	16 55 10.52	+2.4118	+0.0032	+27 13 16.7	−5.597	+0.340	83.2	918 920 1097	27 2734
7942	8.2	55 13.95	2.4341	0.0032	26 25 50.7	5.592	0.343	82.0	576 1197	26 2932
7943	9.1	55 30.48	2.4359	0.0032	26 21 24.3	5.569	0.344	82.9	576 1099 1199	26 2933
7944	9.4	55 33.36	2.4166	0.0032	27 2 26.0	5.565	0.341	76.5	393	27 2735*
7945	8.0	55 38.04	2.4270	0.0032	26 40 12.3	5.559	0.342	80.3	470 577 771 1102	26 2934
7946	8.5	16 55 43.02	+2.4499	+0.0032	+25 50 50.6	−5.552	+0.346	77.9	107 915	25 3178
7947	9.0	55 51.77	2.3611	0.0032	28 57 41.5	5.539	0.333	79.0	113 1098	28 2648
7948	8.5	56 0.45	2.4688	0.0033	25 9 6.6	5.527	0.348	92.5	1708 1710	25 3179
7949	9.1	56 3.15	2.3578	0.0032	29 4 14.4	5.523	0.333	81.0	390 1200	29 2918*
7950	6.6	56 8.64	2.4065	0.0032	27 22 56.8	5.516	0.339	87.0	1294 1387	27 2738

[1] Z. 581 771 1096 1102 1383 [2] Z. 109 393 918 920 995 [3] Z. 107 110 663 771 1099 1200

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
7951	9.1	16h 56m 9.80	+2.3873	+0.0032	+28° 3′ 0.9	−5.514	+0.337	89.0	1202 1709	28° 2649*
7952	9.0	56 9.87	2.3573	0.0032	29 4 58.5	5.514	0.333	81.0	390 1200	29 2919
7953	9.0	56 9.91	2.3405	0.0032	29 38 59.6	5.514	0.331	91.5	1383 1823 1824	29 2920
7954	9.3	56 26.14	2.4106	0.0032	27 13 41.0	5.491	0.340	78.8	114 772 920	27 2739
7955	8.4	56 30.73	2.4502	0.0032	25 48 55.2	5.485	0.346	83.0	663 991 1096 1101	25 3180
7956	7.5	16 56 53.77	+2.4663	+0.0032	+25 13 7.3	−5.452	+0.348	77.5	107 110 1196	25 3182
7957	9.5	56 54.77	2.3631	0.0032	28 51 52.2	5.451	0.334	73.5	113	28 2650*
7958	9.4	56 55.94	2.3487	0.0032	29 21 8.2	5.449	0.332	72.5	5	29 2922*
7959	6.0	57 11.40	2.4533	0.0032	25 41 0.1	5.428	0.346	82.0	664 1097	25 3183
7960	9.2	57 13.60	2.3355	0.0032	29 47 7.9	5.424	0.330	78.8	4 770 994	29 2923
7961	9.2	16 57 15.08	+2.4474	+0.0032	+25 53 38.1	−5.422	+0.346	83.8	915 1095 1100	25 3184
7962	9.4	57 21.76	2.3622	0.0032	28 52 51.0	5.413	0.334	85.5	474 1817	28 2651
7963	9.2	57 22.46	2.4485	0.0032	25 51 7.7	5.412	0.346	85.5	1197	25 3185*
7964	7.5	57 37.73	2.3444	0.0032	29 28 36.1	5.391	0.332	82.9	581 1099 1198	29 2924
7965	8.7	57 38.76	2.4224	0.0032	26 46 32.8	5.389	0.343	76.2	111 296 470 576	26 2937
7966	8.6	16 57 39.07	+2.4682	+0.0032	+25 7 51.4	−5.389	+0.349	80.8	107 1102 1103	25 3186
7967	9.4	57 40.90	2.4176	0.0032	26 56 40.9	5.386	0.342	75.5	114 468	26 2938*
7968	9.0	57 49.12	2.3887	0.0032	27 57 19.7	5.374	0.338	78.3	216 393 578 992	27 2742
7969	8.5	57 49.23	2.4490	0.0032	25 49 18.7	5.374	0.347	84.6	1104 1105	25 3187
7970	8.6	57 52.22	2.4564	0.0032	25 33 11.7	5.370	0.348	85.2	1096 1200 1203	25 3189
7971	8.4	16 57 52.37	+2.3285	+0.0032	+29 59 55.9	−5.370	+0.330	88.9	5 obs.[1]	30 2925
7972	9.2	57 58.10	2.3224	0.0032	30 12 1.3	5.362	0.329	86.9	1101 1383 1461	*30 2926*
7973	8.7	58 0.47	2.4708	0.0032	25 1 36.1	5.359	0.350	78.2	107 295 1202	25 3190
7974	9.4	58 0.90	2.4163	0.0032	26 58 51.4	5.358	0.342	83.5	109 1818	27 2743
7975	9.4	58 1.63	2.3868	0.0032	28 0 46.2	5.357	0.338	73.5	113	28 2655*
7976	7.7	16 58 10.25	+2.3385	+0.0032	+29 39 28.2	−5.345	+0.331	77.8	471 472 582	29 2927
7977	9.4	58 12.76	2.3367	0.0032	29 43 3.3	5.341	0.331	93.4	1816 1820	29 2928
7978	9.3	58 16.48	2.3458	0.0032	29 24 23.0	5.336	0.332	86.0	1098 1385	29 2929
7979	8.6	58 19.82	2.3855	0.0032	28 3 2.6	5.331	0.338	79.3	5 obs.[2]	28 2657
7980	9.2	59 0.41	2.4102	0.0032	27 10 11.4	5.274	0.341	85.5	1194	27 2744*
7981	9.4	16 59 11.22	+2.4237	+0.0032	+26 41 13.1	−5.259	+0.343	76.2	296 297 470	26 2941
7982	9.0	59 15.48	2.4260	0.0032	26 36 10.5	5.253	0.344	78.5	576 577	26 2942
7983	8.9	59 17.89	2.3534	0.0032	29 7 18.5	5.250	0.334	79.1	5 obs.[3]	29 2931
7984	9.5	59 23.87	2.4440	0.0032	25 57 31.0	5.241	0.346	77.5	107 575 770	25 3192
7985	8.3	59 29.66	2.4080	0.0032	27 13 57.8	5.233	0.341	80.1	7 obs.	27 2748
7986	9.1	16 59 34.90	+2.4205	+0.0032	+26 47 30.5	−5.226	+0.343	84.5	1098 1102 1103	26 2943*
7987	9.4	59 45.26	2.3919	0.0032	27 47 19.6	5.211	0.339	76.2	114 468 473	27 2750
7988	9.4	59 47.23	2.3500	0.0032	29 13 27.2	5.208	0.333	86.5	1294	29 2932*
7989	7.3[4]	59 48.34	2.3782	0.0032	28 15 50.9	5.207	0.337	78.0	474 579	28 2661
7990	8.1	59 51.89	2.3608	0.0032	28 51 12.9	5.202	0.335	82.8	392 1095 1101 1197	28 2662
7991	8.0	16 59 55.81	+2.3313	+0.0032	+29 50 55.1	−5.196	+0.331	76.2	5 472 581	29 2933
7992	8.5	59 59.59	2.4299	0.0032	26 26 49.2	5.191	0.344	74.8	111 296 297	26 2944
7993	9.0	17 0 2.81	2.4044	0.0032	27 20 50.1	5.186	0.341	76.0	109 578	27 2751
7994	8.2	0 4.87	2.4129	0.0032	27 2 50.8	5.184	0.342	80.3	5 obs.[5]	27 2752
7995	9.4	0 11.26	2.3519	0.0032	29 8 49.2	5.175	0.334	81.5	848	29 2934*
7996	9.0	17 0 13.01	+2.4474	+0.0032	+25 48 55.4	−5.172	+0.347	85.6	1200 1202	25 3195
7997	8.7	0 13.16	2.4496	0.0032	25 44 9.7	5.172	0.347	78.3	110 295 575 1199	25 3194
7998	9.2	0 27.19	2.4672	0.0032	25 5 42.4	5.152	0.350	81.8	214 992 994 1203	25 3196
7999	8.2	0 32.80	2.4242	0.0032	26 37 54.9	5.144	0.344	77.0	111 470 576 577	26 2946
8000	8.6	0 32.92	2.3776	0.0032	28 15 33.6	5.144	0.337	77.5	113 474 579 771	28 2665

[1] Z. 1097 1294 1464 1711 1712
[2] » 113 579 771 772 992
[3] Z. 4 390 771 772 1195
[4] Double; north following
[5] Z. 216 665 915 923 924

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8001	8.1	17h 0m 35s.41	+2s.4509	+0s.0032	+25° 40' 39".2	−5".141	+0".347	77.9	110 221 1201	25° 3197
8002	7.8	0 45.98	2.3322	0.0032	29 47 37.8	5.126	0.331	82.8	471 1194 1195	29 2935
8003	8.8	0 46.56	2.4241	0.0032	26 37 50.4	5.125	0.344	76.5	111 470 576	26 2947
8004	8.7	1 2.21	2.4151	0.0032	26 56 42.8	5.103	0.342	76.5	296 297 577	26 2948
8005	9.0	1 5.91	2.4173	0.0032	26 51 54.9	5.098	0.343	87.6	5 obs. [1]	26 2949
8006	9.5	17 1 8.19	+2.4047	+0.0032	+27 18 11.0	−5.094	+0.341	79.1	7 obs.	27 2758
8007	8.7	1 14.35	2.4310	0.0032	26 22 24.1	5.086	0.344	86.5	1099 1295 1462	26 2950
8008	9.0	1 14.82	2.4179	0.0032	26 50 14.4	5.085	0.343	90.0	772 1710 1823 1826	26 2951
8009	8.8	1 15.08	2.4222	0.0032	26 41 12.8	5.085	0.343	86.0	922 1297 1383 1390	26 2952
8010	9.0	1 16.12	2.4541	0.0032	25 32 48.3	5.083	0.348	75.8	107 295 575	25 3199
8011	9.1	17 1 23.75	+2.3936	+0.0032	+27 41 6.7	−5.072	+0.340	87.5	5 obs. [2]	27 2759*
8012	9.1	1 27.39	2.3577	0.0032	28 54 54.4	5.067	0.335	85.5	1103 1104 1387	28 2669*
8013	8.6	1 38.22	2.4379	0.0032	26 7 13.9	5.052	0.346	85.9	1101 1197 1389	26 2954
8014	9.5	1 41.77	2.4312	0.0032	26 21 19.6	5.047	0.345	88.5	994 1827	26 2955
8015	9.2	1 43.30	2.3943	0.0032	27 39 7.8	5.045	0.340	73.5	109	27 2760*
8016	8.5	17 1 49.07	+2.3539	+0.0031	+29 2 11.0	−5.037	+0.335	75.3	4 5 471 581	29 2938
8017	8.9	1 53.28	2.4078	0.0032	27 10 35.0	5.031	0.342	79.5	216 578 1199	27 2761
8018	9.0	1 55.97	2.3566	0.0031	28 56 20.7	5.027	0.335	75.0	113 392	28 2670
8019	9.4	1 56.09	2.4341	0.0032	26 14 45.0	5.027	0.346	79.0	111 470 918 920	26 2957
8020	9.5	1 56.80	2.4547	0.0032	25 30 24.5	5.026	0.349	73.4	107	25 3200*
8021	9.5	17 2 1.54	+2.3951	+0.0032	+27 36 59.3	−5.019	+0.341	93.5	1821 1824	27 2762
8022	8.7	2 5.74	2.4667	0.0032	25 4 15.5	5.013	0.351	79.4	110 915 923	25 3201
8023	9.4	2 9.05	2.4434	0.0032	25 54 25.8	5.008	0.347	74.5	214	25 3202*
8024	9.4	2 28.21	2.4700	0.0032	24 56 21.3	4.981	0.351	85.6	1202	24 3123*
8025	8.7	2 30.35	2.4205	0.0031	26 42 55.7	4.978	0.344	77.5	296 576 577	26 2959
8026	8.0	17 2 31.69	+2.3753	+0.0031	+28 17 10.2	−4.976	+0.338	79.5	474 579 921	28 2671
8027	9.0	2 34.10	2.3776	0.0031	28 12 26.0	4.973	0.338	89.0	1203 1709	28 2672
8028	9.4	2 39.93	2.3377	0.0031	29 33 15.9	4.965	0.333	77.5	472	29 2940*
8029	8.0	2 46.43	2.4036	0.0031	27 18 6.1	4.955	0.342	78.7	5 obs. [3]	27 2763
8030	9.3	2 46.61	2.4532	0.0032	25 32 24.9	4.955	0.349	78.2	295 575 770	25 3203
8031	7.7	17 2 58.55	+2.4044	+0.0031	+27 15 54.0	−4.938	+0.342	74.8	109 114 473	27 2764
8032	8.0	3 6.43	2.3445	0.0031	29 19 3.3	4.927	0.334	77.5	4 5 471 1392	29 2942
8033	9.5	3 16.77	2.4704	0.0032	24 54 26.8	4.913	0.351	85.9	1194 1195 1294	24 3126*
8034	9.0	3 21.45	2.4185	0.0031	26 45 42.4	4.906	0.344	81.5	7 obs.	26 2960
8035	7.0	3 24.75	2.3713	0.0031	28 24 2.9	4.901	0.337	80.5	392 579 580 1461	28 2677
8036	9.0	17 3 25.55	+2.3771	+0.0031	+28 12 1.7	−4.900	+0.338	81.7	5 obs. [4]	28 2676
8037	9.0	3 32.57	2.3575	0.0031	28 51 56.3	4.890	0.336	79.5	5 obs. [5]	28 2678
8038	8.8	3 54.84	2.3328	0.0031	29 41 4.2	4.859	0.332	80.6	581 921	29 2946
8039	8.8	3 55.10	2.3888	0.0031	27 47 1.2	4.859	0.340	80.5	216 578 1104 1105	27 2766
8040	9.2	4 21.64	2.4430	0.0032	25 51 54.4	4.821	0.348	74.2	107 110 214 295	25 3205
8041	9.1	17 4 24.23	+2.4095	+0.0031	+27 3 14.8	−4.817	+0.343	80.3	216 849 771 1199	27 2767
8042	9.3	4 30.79	2.3999	0.0031	27 22 59.9	4.808	0.341	78.9	5 obs. [6]	27 2768*
8043	9.5	4 37.62	2.3199	0.0031	30 5 53.6	4.798	0.331	79.5	5 920 994	30 2935
8044	9.4	4 38.73	2.3998	0.0031	27 23 0.5	4.797	0.341	79.0	109 1099	27 2769
8045	9.0	4 41.55	2.3363	0.0031	29 32 46.7	4.793	0.333	75.8	4 471 472	29 2948
8046	7.1	17 4 53.97	+2.4217	+0.0031	+26 36 47.9	−4.775	+0.345	75.5	6 obs. [7]	26 2963
8047	9.3	5 1.70	2.4440	0.0031	25 48 55.1	4.764	0.348	74.1	107 110 295	25 3206
8048	8.8	5 21.90	2.3504	0.0031	29 3 29.0	4.736	0.335	81.2	581 770 1102	29 2950
8049	8.2	5 33.56	2.3424	0.0031	29 19 25.3	4.719	0.334	79.8	472 581 771 921	29 2951
8050	9.0	5 34.05	2.4543	0.0031	25 25 56.5	4.718	0.350	83.5	214 1711	— —

[1] Z. 923 1196 1461 1464 1716
[2] » 1100 1385 1386 1388 1578
[3] » 114 216 473 665 1464
[4] Z. 113 922 994 1099 1102
[5] » 113 474 769 770 1197
[6] Z. 109 114 473 1100 1200
[7] » 111 215 296 297 301 576

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8051	9.2	17h 5m 41.57	+2.4687	+0.0031	+24° 54' 31.7	−4.708	+0.352	84.9	1101 1104 1194	24° 3139*
8052	9.1	6 0.75	2.4003	0.0031	27 19 59.7	4.681	0.343	77.5	393 578	27 2774
8053	9.2	6 8.00	2.4678	0.0031	24 55 54.4	4.670	0.352	87.0	848 1712	— —
8054	9.4	6 13.54	2.3555	0.0031	28 51 47.3	4.662	0.336	77.0	113 474 579 580	28 2684
8055	9.4	6 20.32	2.4115	0.0031	26 56 7.6	4.653	0.344	74.8	111 296 297	26 2965
8056	8.6	17 6 29.21	+2.3289	+0.0031	+29 44 50.5	−4.640	+0.332	77.7	5 obs.[1]	29 2952
8057	9.2	6 33.91	2.4696	0.0031	24 51 29.9	4.633	0.353	85.2	1099 1194 1196	24 3143
8058	8.5	6 45.62	2.4158	0.0031	26 46 24.6	4.617	0.345	79.2	470 576 849	26 2967
8059	9.0	6 48.63	2.4277	0.0031	26 21 13.2	4.613	0.347	83.4	5 obs.[2]	26 2968
8060	9.5	6 51.81	2.3957	0.0031	27 28 25.5	4.608	0.342	80.5	770 771	27 2776
8061	9.1	17 6 53.10	+2.3995	+0.0031	+27 20 22.1	−4.606	+0.343	83.8	7 obs.	27 2777
8062	9.2	6 59.08	2.3988	0.0031	27 21 33.6	4.598	0.343	86.7	216 1201 1823 1824	27 2778
8063	8.3	6 59.63	2.4543	0.0031	25 23 55.8	4.597	0.350	81.7	5 obs.[3]	25 3212
8064	9.0	7 2.60	2.3329	0.0031	29 36 9.2	4.593	0.333	85.0	1101 1202	29 2954
8065	8.9	7 9.10	2.4690	0.0031	24 52 4.6	4.583	0.353	82.5	663 921 1203	24 3145
8066	8.7	17 7 15.68	+2.3305	+0.0031	+29 40 42.9	−4.574	+0.333	84.0	849 1294	29 2958
8067	8.8	7 21.16	2.4129	0.0031	26 51 39.3	4.566	0.345	76.5	296 297 576	26 2970
8068	9.0	7 29.35	2.3755	0.0031	28 9 2.0	4.555	0.339	80.2	217 579 1383	28 2690
8069	8.9	7 47.52	2.3674	0.0031	28 25 18.2	4.529	0.338	84.5	771 1103 1462	28 2692
8070	8.7	7 51.15	2.3577	0.0031	28 44 53.3	4.524	0.337	82.5	474 1100 1194	28 2693
8071	8.3	17 7 54.62	+2.3184	+0.0031	+30 3 33.6	−4.519	+0.332	75.1	4 5 772	30 2946
8072	7.9	8 0.41	2.4611	0.0031	25 8 8.5	4.511	0.351	87.5	921 1709	25 3215
8073	8.1	8 12.07	2.3771	0.0031	28 4 48.5	4.494	0.340	82.6	922 923	28 2694
8074	9.0	8 15.47	2.4324	0.0031	26 9 18.6	4.489	0.347	78.2	297 470 849	26 2973
8075	9.0	8 27.24	2.3531	0.0031	28 53 29.1	4.472	0.336	82.0	579 1195	28 2695
8076	9.1	17 8 38.38	+2.3365	+0.0031	+29 26 36.4	−4.457	+0.334	85.5	472 1826	29 2962
8077	8.6	8 52.84	2.4271	0.0031	26 19 35.9	4.436	0.347	85.0	1101 1203	26 2976
8078	8.7[4]	9 1.04	2.3509	0.0031	28 56 57.3	4.424	0.336	81.5	579 771 1202	28 2697
8079	8.5	9 2.76	2.4085	0.0031	26 58 30.7	4.422	0.344	81.2	576 921 923	26 2977
8080	9.3	9 8.47	2.3699	0.0031	28 18 18.4	4.414	0.339	81.5	772 920	28 2699
8081	9.0	17 9 9.53	+2.4242	+0.0031	+26 25 20.8	−4.412	+0.346	87.5	922 1711	26 2978
8082	8.7	9 18.05	2.4098	0.0031	26 55 31.8	4.400	0.345	86.6	1103 1464	26 2979
8083	8.9	9 19.49	2.3747	0.0031	28 8 11.9	4.398	0.339	84.6	1104 1105	28 2700
8084	8.5	9 20.41	2.3277	0.0031	29 42 56.9	4.397	0.333	72.5	4 5	29 2963
8085	6.8	9 29.34	2.4303	0.0031	26 11 51.1	4.384	0.348	85.0	470 1712	26 2980
8086	8.4	17 9 45.01	+2.3749	+0.0031	+28 7 10.8	−4.362	+0.340	90.0	1390 1713	28 2702
8087	3.0	9 53.87	2.4640	0.0031	24 59 16.6	4.349	0.353		Fund. Cat.	25 3221
8088	9.4	10 1.45	2.4118	0.0031	26 50 23.3	4.338	0.346	93.5	1821 1824	26 2981
8089	9.3	10 16.22	2.4672	0.0031	24 51 51.6	4.317	0.354	81.5	849	24 3156*
8090	9.3	10 19.26	2.3226	0.0031	29 51 39.7	4.313	0.333	77.5	472	29 2967*
8091	9.1	17 10 24.33	+2.3495	+0.0031	+28 57 56.1	−4.306	+0.336	93.5	1823 1827	28 2703
8092	9.2	10 30.60	2.4608	0.0031	25 5 30.0	4.297	0.353	93.0	1716 1828	25 3224
8093	9.0	10 41.19	2.4359	0.0031	25 58 23.8	4.282	0.349	84.1	921 1203	25 3226
8094	8.5	10 43.88	2.3298	0.0030	29 36 48.5	4.278	0.334	75.8	4 5 923	29 2971
8095	9.4	10 55.10	2.4517	0.0031	25 24 32.6	4.262	0.351	87.0	771 1829	25 3227
8096	9.0	17 10 56.73	+2.4432	+0.0031	+25 42 33.0	−4.260	+0.350	85.0	1101 1202	25 3228
8097	9.4	10 57.34	2.4291	0.0031	26 12 36.3	4.258	0.349	78.0	470 576	26 2985
8098	6.8	10 59.27	2.3986	0.0030	27 16 38.3	4.256	0.344	80.5	393 772 1105	27 2780
8099	9.2	11 10.23	2.4243	0.0031	26 22 28.5	4.241	0.347	83.2	920 922 1104	26 2988
8100	9.0	11 23.35	2.4471	0.0031	25 34 4.4	4.222	0.351	83.0	849 1103	25 3229

[1] Z. 4 5 471 472 1464 [2] Z. 772 920 922 1197 1199 [3] Z. 107 110 295 1716 1820 [4] Double; south preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8101	9.5	17h 11m 24.s08	+2.s4023	+0.s0030	+27° 8' 20.″0	−4.″221	+0.″344	78.5	393 772	27° 2781*
8102	9.5	11 25.67	2.3608	0.0030	28 33 38.8	4.219	0.338	86.0	579 1820	28 2707
8103	8.9	11 34.76	2.3824	0.0030	27 49 17.2	4.206	0.342	76.9	216 473 578	27 2782
8104	8.7[1]	11 34.77	2.4142	0.0030	26 43 5.5	4.206	0.346	76.5	215 576	26 2990
8105	8.6	11 36.22	2.3611	0.0030	28 32 44.7	4.204	0.339	83.0	579 1390	28 2708
8106	9.0	17 11 47.99	+2.3301	+0.0030	+29 34 43.0	−4.187	+0.334	76.2	5 471 581	29 2975
8107	9.3	11 50.09	2.3208	0.0030	29 53 15.5	4.184	0.333	77.5	472	29 2976*
8108	9.3	11 57.69	2.4299	0.0031	26 9 38.7	4.173	0.348	78.8	470 577 771	26 2991
8109	8.0	12 0.38	2.4102	0.0030	26 51 2.7	4.169	0.346	78.9	111 770 921	26 2992
8110	8.5	12 3.05	2.4289	0.0031	26 11 40.4	4.165	0.348	87.5	915 1709	26 2993
8111	9.2	17 12 4.70	+2.4029	+0.0030	+27 6 5.0	−4.163	+0.345	81.8	298 920 922 1295	27 2783
8112	9.1	12 4.76	2.3752	0.0030	28 3 18.5	4.163	0.341	85.0	849 1462	28 2709
8113	7.5	12 6.25	2.4341	0.0031	26 0 36.0	4.161	0.349	78.0	215 848	26 2994
8114	9.0	12 14.35	2.4578	0.0031	25 9 46.3	4.149	0.352	76.0	107 575	25 3231
8115	8.5	12 14.58	2.4475	0.0031	25 31 54.9	4.149	0.351	77.1	214 664	25 3232
8116	9.2	17 12 21.65	+2.3526	+0.0030	+28 48 51.4	−4.139	+0.338	83.0	580 1387	28 2710
8117	7.0	12 41.30	2.3455	0.0030	29 2 54.6	4.111	0.337	80.1	5 obs.[2]	29 2978
8118	8.0	12 48.88	2.3362	0.0030	29 21 19.3	4.100	0.335	84.3	924 1104 1105 1202	29 2979
8119	9.4	12 53.61	2.4468	0.0030	25 32 24.1	4.093	0.351	82.5	110 1200 1464	25 3236
8120	8.0	12 54.13	2.3507	0.0030	28 52 6.1	4.092	0.338	84.5	6 obs.[3]	28 2713
8121	9.2	17 12 54.61	+2.3503	+0.0030	+28 52 58.8	−4.092	+0.338	83.6	217 1717	28 2714
8122	9.0	12 54.66	2.4040	0.0030	27 2 53.0	4.092	0.345	83.5	216 1710	27 2784
8123	9.1	12 55.30	2.4413	0.0030	25 44 3.4	4.091	0.350	82.9	772 925 1201	25 3237
8124	9.5	13 1.52	2.4553	0.0030	25 14 6.0	4.082	0.352	93.5	1826 1830	25 3238
8125	7.6	13 2.35	2.3455	0.0030	29 2 28.6	4.081	0.337	82.5	4 1712	29 2981
8126	9.0	17 13 10.10	+2.3808	+0.0030	+27 50 31.3	−4.069	+0.342	79.2	393 578 915	27 2786
8127	8.0	13 24.13	2.4030	0.0030	27 4 15.0	4.049	0.345	80.5	5 obs.[4]	27 2787
8128	7.2	13 25.39	2.4353	0.0030	25 56 19.3	4.048	0.349	75.5	5 obs.[5]	25 3239
8129	8.2	13 40.09	2.3645	0.0030	28 23 0.4	4.027	0.339	82.8	770 923 924 1196	28 2718
8130	9.5	13 43.93	2.3208	0.0030	29 50 33.5	4.021	0.333	85.0	472 1715	29 2982*
8131	9.1	17 13 48.55	+2.4037	+0.0030	+27 2 16.4	−4.015	+0.345	86.3	114 1711 1713	27 2788
8132	5.8	13 54.49	2.3474	0.0030	28 57 16.7	4.006	0.337	81.3	580 773 1109	28 2719
8133	8.8	13 56.57	2.3597	0.0030	28 32 30.3	4.003	0.339	80.9	113 921 1294	28 2720
8134	9.1	14 15.80	2.3497	0.0030	28 52 16.8	3.976	0.338	82.1	5 obs.[6]	28 2721
8135	7.1	14 24.81	2.3925	0.0030	27 24 52.0	3.963	0.343	77.0	216 298 393 848	27 2790
8136	7.1	17 14 27.38	+2.3708	+0.0030	+28 9 21.8	−3.959	+0.340	81.9	579 923 1105	28 2722
8137	9.4	14 27.84	2.4336	0.0030	25 58 44.9	3.958	0.349	75.8	111 297 576	26 3000
8138	9.5	14 30.94	2.4326	0.0030	26 0 52.0	3.954	0.350	73.5	111	— —
8139	9.5	14 34.32	2.4453	0.0030	25 33 40.3	3.949	0.352	79.2	107 575 1199	25 3244
8140	9.0	14 39.74	2.4627	0.0030	24 56 24.8	3.941	0.354	78.8	110 214 663 1387	24 3164
8141	8.7	17 14 40.29	+2.3405	+0.0030	+29 10 13.2	−3.941	+0.336	76.8	5 471 581 582	29 2987
8142	9.0	14 42.66	2.3689	0.0030	28 12 49.6	3.937	0.340	79.8	217 474 921 1104	28 2723
8143	8.9	14 58.25	2.4397	0.0030	25 45 11.7	3.915	0.351	82.8	664 772 922 1461	25 3245
8144	8.6	15 3.17	2.3574	0.0030	28 35 42.5	3.908	0.339	78.8	113 580 771 924	28 2724
8145	6.0	15 4.20	2.4421	0.0030	25 39 57.5	3.906	0.351	80.5	214 773 848 1197	25 3246
8146	9.0	17 15 15.84	+2.4228	+0.0030	+26 20 34.3	−3.890	+0.348	82.8	577 849 923 1464	26 3002
8147	8.8	15 28.22	2.4131	0.0030	26 40 43.6	3.872	0.347	79.3	215 301 576 1462	26 3003
8148	8.7	15 39.61	2.3847	0.0030	27 39 22.2	3.856	0.343	74.2	109 114 298	27 2792
8149	9.5	15 48.04	2.3856	0.0030	27 37 33.4	3.844	0.343	82.0	109 1578	— —
8150	9.3	15 59.50	2.4633	0.0030	24 53 33.5	3.827	0.354	84.9	1101 1103 1194	24 3169*

[1] Double; north
[2] Z. 4 581 582 1199 1203
[3] Z. 474 579 1101 1194 1464 1716
[4] » 109 114 1101 1195 1197
[5] Z. 110 214 215 297 664
[6] » 770 771 849 922 1203

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8151	8.6	17h 16m 9.23	+2.4368	+0.0030	+25° 49' 57.9	−3.813	+0.351	77.2	107 110 214 1387	25° 3249
8152	8.1	16 17.01	2.4293	0.0030	26 5 38.5	3.802	0.350	75.2	215 297 301	26 3005
8153	9.0	16 28.08	2.4013	0.0030	27 4 4.3	3.786	0.346	75.5	216 299 393	27 2794
8154	9.4	16 30.20	2.4609	0.0030	24 57 56.3	3.783	0.354	83.5	849 1103 1105	24 3170*
8155	8.9	16 33.58	2.4272	0.0030	26 9 46.5	3.778	0.349	77.2	111 577 665	26 3007
8156	6.6	17 16 37.48	+2.3480	+0.0030	+28 52 53.4	−3.773	+0.338	76.0	113 217 474 580	28 2728
8157	9.2	16 38.43	2.4443	0.0030	25 33 30.7	3.772	0.352	85.5	575 1711	— —
8158	8.8	16 40.64	2.3937	0.0030	27 19 39.5	3.768	0.345	76.5	216 473 475	27 2795
8159	9.4	16 41.43	2.3187	0.0030	29 51 0.4	3.767	0.334	76.2	4 472 581	29 2993
8160	9.4	16 52.03	2.3147	0.0030	29 58 29.8	3.752	0.333	78.9	471 581 771	29 2994
8161	8.9	17 16 57.13	+2.4446	+0.0030	+25 32 25.3	−3.745	+0.352	81.1	6 obs.[1]	25 3250
8162	9.0	17 4.33	2.4288	0.0030	26 5 46.1	3.734	0.350	74.5	215	26 3008*
8163	8.6	17 6.76	2.4256	0.0030	26 12 37.1	3.731	0.349	76.3	111 301 470 577	26 3009
8164	8.5	17 7.67	2.4128	0.0030	26 39 31.3	3.730	0.347	82.8	297 576 1461 1464	26 3010
8165	7.8	17 19.39	2.4595	0.0030	25 0 22.4	3.713	0.354	81.1	5 obs.[2]	25 3252
8166	9.1	17 17 46.16	+2.4129	+0.0030	+26 38 36.7	−3.675	+0.347	76.5	215 576	26 3011
8167	7.8	17 51.56	2.3740	0.0030	27 58 40.8	3.667	0.342	80.0	393 473 578 1387	27 2797
8168	9.2	17 59.80	2.4439	0.0030	25 32 44.2	3.655	0.352	81.0	5 obs.[3]	25 3253
8169	8.3	18 3.28	2.4347	0.0030	25 52 17.7	3.650	0.351	75.9	110 214 664	25 3254
8170	8.8	18 6.43	2.3295	0.0029	29 27 50.3	3.645	0.335	76.5	224 471 472	29 2999
8171	9.3	17 18 13.32	+2.4442	+0.0030	+25 31 52.7	−3.636	+0.352	87.0	848 1712	— —
8172	9.1	18 16.57	2.3761	0.0029	27 53 52.6	3.631	0.342	75.2	109 299 393	27 2799
8173	9.0	18 21.65	2.3768	0.0029	27 52 18.2	3.624	0.343	75.0	109 216 299 393	27 2800
8174	9.0	18 26.19	2.3683	0.0029	28 9 41.1	3.617	0.341	76.0	113 217 474 580	28 2731
8175	9.0	18 39.25	2.3378	0.0029	29 10 55.1	3.598	0.337	78.2	471 581 582	29 3001
8176	9.4	17 18 41.82	+2.3685	+0.0029	+28 9 1.4	−3.595	+0.341	80.5	113 474 1578	28 2732*
8177	9.5	18 57.56	2.4393	0.0030	25 41 22.7	3.572	0.351	73.5	110	25 3257*
8178	8.9	19 6.97	2.3428	0.0029	29 0 15.6	3.559	0.338	79.3	4 472 581 1464	29 3002
8179	9.3	19 17.57	2.3422	0.0029	29 1 11.5	3.543	0.338	80.0	582 849	29 3004
8180	9.4	19 34.84	2.4386	0.0029	25 42 15.0	3.519	0.352	83.9	575 1101 1461	25 3258
8181	9.4	17 19 59.16	+2.3327	+0.0029	+29 19 24.7	−3.484	+0.336	80.3	471 770 771 922	29 3005
8182	8.5	20 11.59	2.4119	0.0029	26 38 0.4	3.466	0.347	77.9	6 obs.[4]	26 3016
8183	9.0	20 15.18	2.4489	0.0029	25 19 45.2	3.460	0.353	80.1	222 772 921 923	25 3260
8184	8.4	20 23.84	2.3793	0.0029	27 45 8.7	3.448	0.343	79.3	216 473 474 1387	27 2805
8185	8.5	20 25.16	2.3641	0.0029	28 15 57.7	3.446	0.341	80.0	217 579 580 1462	28 2737
8186	8.8	17 20 27.98	+2.4044	+0.0029	+26 53 17.7	−3.442	+0.347	80.3	301 848 849 926	26 3017
8187	9.2	20 41.31	2.3886	0.0029	27 25 39.1	3.423	0.344	84.0	299 1709	27 2807
8188	8.2	20 43.54	2.3559	0.0029	28 32 5.1	3.420	0.340	79.8	5 obs.[5]	28 2738
8189	7.6	20 46.26	2.3889	0.0029	27 24 58.8	3.416	0.344	79.4	6 obs.[6]	27 2808
8190	9.4	20 49.27	2.4513	0.0029	25 14 11.0	3.412	0.354	74.5	214	25 3262*
8191	6.5	17 21 0.46	+2.4012	+0.0029	+26 59 17.4	−3.395	+0.346	81.9	473 771 1389	27 2809
8192	8.8	21 2.86	2.4547	0.0029	25 6 49.4	3.392	0.355	78.8	110 222 664 1388	25 3263
8193	8.8	21 9.49	2.3186	0.0029	29 45 50.2	3.383	0.335	78.2	472 581 582	29 3011
8194	7.2[7]	21 23.00	2.3246	0.0029	29 33 54.5	3.363	0.336	81.0	6 obs.[8]	29 3012
8195	8.8	21 33.49	2.3472	0.0029	28 48 45.6	3.348	0.339	77.2	217 579 580	28 2741
8196	7.7	17 21 36.69	+2.3907	+0.0029	+27 20 18.7	−3.344	+0.345	79.1	299 667 772 773	27 2813
8197	9.0	21 47.12	2.3434	0.0029	28 56 2.7	3.329	0.338	78.8	217 474 770 923	28 2742
8198	9.0	21 48.07	2.4141	0.0029	26 31 43.4	3.327	0.349	77.9	6 obs.[9]	26 3018
8199	9.0	21 49.87	2.4020	0.0029	26 56 55.5	3.325	0.347	77.6	215 301 921	26 3020
8200	9.5	22 19.76	2.4508	0.0029	25 13 36.4	3.282	0.354	77.5	110 849	25 3269

[1] Z. 575 664 772 922 923 924
[2] » 110 770 773 925 1462
[3] » 663 770 771 848 925
[4] Z. 111 215 297 576 577 1294
[5] » 113 474 922 924 925
[6] » 299 393 475 578 665 1464
[7] Double; south preceding
[8] Z. 4 225 1101 1103 1104 1194
[9] » 111 215 297 394 577 1461

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8201	9.5	17h 22m 22:27	+2:3981	+0:0029	+27° 4' 8:9	−3:278	+0:347	79.0	216 994	27° 2816
8202	9.3	22 26.21	2.4543	0.0029	25 6 9.1	3.272	0.355	83.5	214 1713	— —
8203	8.3	22 26.27	2.3505	0.0029	28 41 10.8	3.272	0.339	78.9	113 773 924	28 2745
8204	8.7	22 26.28	2.3129	0.0029	29 55 37.1	3.272	0.334	79.9	581 582 922	29 3016
8205	9.1	22 31.40	2.4174	0.0029	26 23 58.6	3.265	0.349	78.5	301 577 848	26 3021
8206	9.1	17 22 34.52	+2.4144	+0.0029	+26 30 17.9	−3.260	+0.349	86.6	772 1716	26 3022
8207	7.9	22 34.90	2.4032	0.0029	26 53 29.2	3.260	0.347	80.9	111 773 1462	26 3023
8208	8.4	22 35.40	2.3967	0.0029	27 7 6.5	3.259	0.346	76.8	114 216 393 922	27 2817
8209	9.4	22 46.75	2.3539	0.0029	28 34 1.7	3.243	0.340	74.5	217	28 2747* [1]
8210	9.2	22 54.04	2.4068	0.0029	26 45 46.4	3.232	0.348	90.5	1464 1712	26 3025*
8211	9.4	17 23 2.60	+2.3116	+0.0029	+29 57 38.2	−3.220	+0.334	81.2	471 771 1195	29 3017
8212	8.3	23 5.82	2.3773	0.0029	27 46 20.7	3.215	0.344	75.9	226 299 473	27 2819
8213	9.0	23 13.14	2.3534	0.0029	28 34 42.0	3.205	0.340	80.7	6 obs. [2]	28 2748
8214	9.0	23 17.72	2.3309	0.0029	29 19 12.7	3.198	0.337	74.8	4 225 472	29 3018
8215	9.4	23 18.45	2.3279	0.0029	29 25 20.5	3.197	0.336	82.5	581 994 1194	29 3019
8216	9.0	17 23 19.95	+2.3183	+0.0029	+29 44 13.9	−3.195	+0.335	83.2	921 924 1101	29 3020
8217	8.9	23 22.46	2.4254	0.0029	26 6 31.2	3.191	0.351	75.5	215 297 394	26 3026
8218	8.7	23 32.86	2.3577	0.0029	28 25 36.1	3.176	0.341	82.0	474 918 928 1196	28 2749
8219	8.8	23 33.99	2.3119	0.0029	29 56 25.5	3.175	0.334	85.0	1105 1199	29 3025
8220	9.2	23 39.23	2.3102	0.0029	29 59 45.5	3.167	0.334	86.0	1201 1294	30 2998*
8221	9.3	17 23 40.36	+2.3703	+0.0029	+28 0 0.8	−3.166	+0.343	85.5	1197 1200	28 2751
8222	9.0	23 41.53	2.3119	0.0029	29 56 23.5	3.164	0.334	84.2	6 obs. [3]	29 3026
8223	8.1	23 45.35	2.4045	0.0029	26 49 51.9	3.158	0.348	82.0	5 obs. [4]	26 3027
8224	9.3	23 49.72	2.3700	0.0029	28 0 29.7	3.152	0.343	87.5	1387	28 2753*
8225	8.5	23 52.22	2.4195	0.0029	26 18 22.7	3.148	0.350	83.9	665 1203 1295	26 3028
8226	9.5	17 23 55.47	+2.3416	+0.0029	+28 57 33.7	−3.144	+0.338	73.5	113	28 2755*
8227	9.1	24 5.30	2.3838	0.0029	27 31 58.1	3.129	0.345	77.3	216 393 475 770	27 2821
8228	9.4	24 5.41	2.4220	0.0029	26 12 52.1	3.129	0.350	75.2	111 297 394	26 3029
8229	8.8	24 12.30	2.3361	0.0029	29 8 7.0	3.119	0.338	76.9	225 471 581	29 3027
8230	7.9	24 17.75	2.3705	0.0029	27 58 52.4	3.112	0.343	81.0	5 obs. [5]	27 2822
8231	8.4	17 24 20.43	+2.3427	+0.0029	+28 54 53.6	−3.108	+0.339	76.9	113 579 580	28 2757
8232	9.5	24 26.46	2.4543	0.0029	25 4 20.1	3.099	0.355	73.5	110	— —
8233	9.0	24 26.50	2.3249	0.0029	29 30 3.8	3.099	0.336	83.9	848 921 1391	29 3028
8234	8.8	24 30.26	2.4547	0.0028	25 3 31.7	3.094	0.355	76.5	110 664	25 3274
8235	8.9	24 30.36	2.4576	0.0028	24 57 8.1	3.094	0.356	87.5	1385 1386 1388	24 3193
8236	9.0	17 24 31.06	+2.3249	+0.0028	+29 30 3.3	−3.093	+0.336	83.1	773 848 921 1392	29 3029*
8237	9.2	24 34.71	2.3568	0.0028	28 26 19.8	3.087	0.341	77.5	217 474 772	28 2759
8238	8.3	24 37.94	2.3813	0.0028	27 36 46.2	3.083	0.345	82.6	923 924	27 2824
8239	9.1	24 49.42	2.3830	0.0028	27 33 3.0	3.066	0.345	76.3	216 299 473 475	27 2825
8240	8.7	24 50.56	2.4516	0.0028	25 9 44.3	3.064	0.355	78.7	6 obs. [6]	25 3275
8241	9.0	17 25 0.23	+2.3327	+0.0028	+29 14 4.2	−3.050	+0.338	80.0	4 582 925 1294	29 3030
8242	9.5	25 16.04	2.4567	0.0028	24 58 31.7	3.028	0.356	86.2	1194 1195 1390	24 3196*
8243	9.1	25 19.62	2.3622	0.0028	28 14 43.8	3.023	0.342	80.9	579 849 926	28 2763
8244	7.9	25 24.37	2.3213	0.0028	29 36 15.8	3.016	0.336	79.5	225 471 771 1196	29 3033
8245	9.0	25 25.59	2.4258	0.0028	26 3 44.7	3.014	0.351	76.2	215 301 576	26 3033
8246	9.1	17 25 38.27	+2.3902	+0.0028	+27 17 31.1	−2.996	+0.346	75.7	5 obs. [7]	27 2826
8247	5.0	25 41.25	2.4216	0.0028	26 12 22.4	2.991	0.350	75.2	111 297 394	26 3034
8248	9.1	25 57.50	2.4586	0.0028	24 53 49.4	2.968	0.357	85.3	1104 1200 1201 1202	24 3200*
8249	9.2	26 2.52	2.4373	0.0028	25 38 52.7	2.961	0.353	82.5	214 1578	25 3279*
8250	9.3	26 7.49	2.4594	0.0028	24 51 54.8	2.953	0.357	86.2	1197 1199 1393	24 3201*

[1] BD δ 3' less.
[2] Z. 579 580 770 849 923 925
[3] » 582 1103 1104 1105 1202 1390
[4] Z. 301 577 926 1109 1461
[5] » 226 578 772 925 1462
[6] Z. 214 222 583 664 922 928
[7] » 114 226 299 393 578

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8251	9.2	17h 26m 12s.40	+2s.3163	+0s.0028	+29° 45′ 13″.9	−2s.946	+0s.335	80.5	581 770 923	29° 3035
8252	8.4	26 15.88	2.3622	0.0028	28 13 54.1	2.941	0.342	81.9	6 obs.[1]	28 2766
8253	9.0	26 17.81	2.4232	0.0028	26 8 32.7	2.939	0.351	74.8	111 215 297 301	26 3035
8254	9.4	26 41.01	2.4464	0.0028	25 19 16.8	2.905	0.355	93.5	1826	25 3280
8255	9.4	26 42.60	2.4461	0.0028	25 19 42.9	2.903	0.355	89.0	110 1828 1923 1924	
8256	8.6	17 26 47.06	+2.3223	+0.0028	+29 32 56.0	−2.896	+0.336	75.8	4 225 471 581	29 3036
8257	9.1	26 47.09	2.4564	0.0028	24 57 50.1	2.896	0.356	86.0	1103 1385	24 3204*
8258	9.1	26 50.51	2.3838	0.0028	27 29 33.0	2.891	0.345	78.4	7 obs.	27 2832
8259	9.1	26 54.40	2.3848	0.0028	27 27 26.7	2.886	0.345	75.5	216 393	27 2833*
8260	5.7	26 55.15	2.3540	0.0028	28 29 57.4	2.885	0.341	79.0	6 obs.[2]	28 2767
8261	9.2	17 27 1.72	+2.4372	+0.0028	+25 38 20.2	−2.875	+0.354	86.1	664 1717	25 3281
8262	9.3	27 2.84	2.3400	0.0028	28 57 39.5	2.874	0.339	81.6	771 925	28 2768
8263	9.4	27 11.93	2.4525	0.0028	25 5 45.4	2.860	0.356	93.0	1716 1827	25 3282
8264	7.0	27 23.42	2.4116	0.0028	26 31 45.5	2.844	0.349	77.9	394 576 577	26 3038
8265	8.2	27 24.68	2.4320	0.0028	25 49 2.5	2.842	0.353	80.5	222 770 849 1194	25 3283
8266	8.8	17 27 28.79	+2.4366	+0.0028	+25 39 5.7	−2.836	+0.353	82.1	582 922 923 1104	25 3284
8267	8.3	27 29.91	2.3418	0.0028	28 53 41.5	2.835	0.339	81.0	5 obs.[3]	28 2771
8268	9.4	27 45.04	2.3522	0.0028	28 32 39.1	2.813	0.341	90.5	1295 1711 1713	28 2772
8269	9.3	27 52.18	2.3831	0.0028	27 30 1.6	2.802	0.345	75.1	226 299	27 2835
8270	9.0	27 58.80	2.4022	0.0028	26 50 34.0	2.793	0.349	74.8	111 215 297 301	26 3039
8271	9.2	17 27 59.08	+2.3077	+0.0028	+30 0 25.6	−2.792	+0.334	85.5	1197 1200	30 3015*
8272	8.4	28 10.29	2.3428	0.0028	28 51 5.8	2.776	0.340	75.5	113 217 580	28 2776
8273	9.2	28 15.77	2.3445	0.0028	28 47 37.3	2.768	0.340	79.7	5 obs.[4]	28 2777
8274	9.5	28 22.63	2.4270	0.0028	25 58 33.3	2.758	0.352	86.3	772 1199 1203 1820	25 3288
8275	9.3	28 22.99	2.4472	0.0028	25 16 1.6	2.758	0.355	88.5	1103 1710	25 3289*
8276	9.1	17 28 31.17	+2.4525	+0.0028	+25 4 34.0	−2.746	+0.356	77.7	5 obs.[5]	25 3290
8277	9.2	28 31.99	2.4462	0.0028	25 17 58.3	2.745	0.355	85.6	1201	25 3293
8278	9.4	28 33.74	2.3122	0.0028	29 51 3.9	2.742	0.335	77.5	471	29 3045*
8279	9.1	28 36.71	2.3424	0.0028	28 51 29.6	2.738	0.340	81.0	474 579 923 1202	28 2778
8280	9.1	28 40.07	2.3139	0.0028	29 47 38.5	2.733	0.335	76.5	4 225 925	29 3047
8281	9.5	17 28 50.23	+2.3924	+0.0028	+27 10 6.1	−2.718	+0.347	73.5	114	27 2838*
8282	9.5	28 51.91	2.4269	0.0028	25 58 23.2	2.716	0.352	93.5	1821 1824	25 3295
8283	8.2	28 55.78	2.4043	0.0028	26 45 29.1	2.710	0.349	75.2	215 297 301	26 3043
8284	9.4	29 2.46	2.4209	0.0028	26 11 7.9	2.701	0.351	76.2	111 394 576	26 3044
8285	8.2	29 2.80	2.4410	0.0028	25 28 37.5	2.700	0.354	81.0	222 1385	25 3296
8286	8.2	17 29 6.16	+2.3380	+0.0028	+28 59 40.5	−2.695	+0.339	80.6	5 obs.[6]	29 3049
8287	8.0	29 7.68	2.3324	0.0028	29 10 55.8	2.693	0.338	93.0	1717 1823	29 3050
8288	9.3	29 8.61	2.4593	0.0028	24 49 39.8	2.692	0.357	85.5	1194 1195	24 3208*
8289	9.0	29 24.14	2.3910	0.0028	27 12 39.0	2.669	0.347	74.9	5 obs.[7]	27 2841
8290	9.4	29 31.50	2.3191	0.0028	29 36 43.5	2.659	0.336	89.5	1196 1828	29 3053
8291	8.1	17 29 32.52	+2.3118	+0.0028	+29 50 53.3	−2.657	+0.335	79.6	225 848 924	29 3054
8292	9.4	29 35.57	2.3316	0.0028	29 11 59.1	2.653	0.338	82.9	6 obs.[8]	29 3055
8293	7.8	29 37.88	2.3589	0.0028	28 17 34.3	2.650	0.342	78.5	217 300 474 1294	28 2779
8294	9.0	29 38.71	2.4123	0.0028	26 28 20.8	2.648	0.350	75.2	111 301 394	26 3045
8295	8.8	29 41.94	2.3654	0.0028	28 4 24.4	2.644	0.343	78.5	579 580	28 2780
8296	9.2	17 29 50.64	+2.4310	+0.0028	+25 49 9.0	−2.631	+0.353	74.5	214	— —
8297	9.4	30 5.02	2.3181	0.0028	29 38 12.0	2.610	0.336	77.5	471	— —
8298	9.1	30 7.07	2.4420	0.0028	25 25 45.7	2.607	0.354	79.1	222 583 770 923	25 3300
8299	9.1	30 8.04	2.4114	0.0028	26 29 56.6	2.606	0.350	81.9	215 1199 1200	26 3047*
8300	8.8	30 10.67	2.4329	0.0028	25 44 50.3	2.602	0.353	78.9	222 664 921	25 3301

[1] Z. 580 772 848 922 923 924
[2] » 113 217 300 474 1296 1297
[3] » 300 580 921 924 1196
[4] Z. 113 770 771 849 924
[5] » 110 214 583 664 922
[6] » 581 582 584 921 1109
[7] Z. 114 216 226 299 393
[8] » 581 582 771 772 1295 1716

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8301	9.4	17h 30m 13s.59	+2s.3020	+0s.0028	+30° 9' 23".5	−2".598	+0".334	82.9	848 849 1201	*30° 3024*
8302	9.3	30 39.93	2.3054	0.0028	30 2 22.7	2.560	0.335	93.5	1826 1829	30 3027
8303	9.0	31 0.80	2.4242	0.0027	26 2 27.7	2.530	0.352	75.2	111 297 394	26 3048
8304	9.0	31 2.05	2.3793	0.0027	27 35 1.3	2.528	0.346	76.2	216 393 473	27 2846
8305	9.5	31 3.49	2.3790	0.0027	27 35 39.7	2.526	0.346	76.5	393	— —
8306	9.1	17 31 11.36	+2.4312	+0.0027	+25 47 41.8	−2.514	+0.353	81.9	770 921 922	25 3307
8307	6.3	31 13.08	2.3591	0.0027	28 15 49.5	2.512	0.343	75.9	5 obs.[1]	28 2787
8308	9.3	31 13.30	2.3263	0.0027	29 21 19.1	2.512	0.338	86.2	1195 1197 1385	29 3060
8309	7.5	31 20.23	2.4340	0.0027	25 41 45.3	2.502	0.353	85.8	849 1104 1110 1711	25 3308
8310	9.0	31 22.42	2.4361	0.0027	25 37 17.7	2.498	0.354	83.5	214 1709	— —
8311	7.0	17 31 24.05	+2.3773	+0.0027	+27 38 52.8	−2.496	+0.345	81.1	475 578 665 1465	27 2849
8312	9.1	31 24.84	2.3913	0.0027	27 10 18.4	2.495	0.347	74.2	114 216 226	27 2848
8313	8.9	31 29.86	2.3129	0.0027	29 47 13.5	2.488	0.336	78.6	225 584 773 774	29 3061
8314	9.1	31 31.18	2.3932	0.0027	27 6 25.6	2.486	0.348	76.0	114 578	27 2850
8315	9.2	31 44.74	2.4101	0.0027	26 31 15.5	2.466	0.350	79.2	6 obs.[2]	26 3050
8316	8.7	17 31 45.92	+2.4077	+0.0027	+26 36 14.5	−2.464	+0.350	78.6	215 924	26 3051
8317	9.0	31 56.53	2.3273	0.0027	29 18 41.6	2.449	0.338	79.9	581 582 922	29 3062
8318	9.2	31 58.00	2.4009	0.0027	26 50 12.5	2.447	0.349	83.2	576 1199 1200	26 3052
8319	9.0	32 7.72	2.3726	0.0027	27 47 53.1	2.433	0.345	75.9	226 299 475	27 2852
8320	8.5	32 9.75	2.3073	0.0027	29 57 31.3	2.430	0.335	76.9	225 471 584	29 3064
8321	9.2	17 32 15.56	+2.3677	+0.0027	+27 57 53.0	−2.421	+0.344	80.5	473 848 925	27 2853
8322	9.4	32 18.17	2.3159	0.0027	29 40 45.7	2.418	0.336	85.2	1103 1194 1203	29 3065
8323	9.2	32 19.19	2.4422	0.0027	25 23 36.9	2.416	0.354	79.6	222 583 1201	25 3310
8324	9.3	32 31.17	2.4422	0.0027	25 23 35.2	2.399	0.354	78.6	583	25 3311*
8325	9.5	32 32.81	4.4353	0.0027	25 38 10.7	2.397	0.353	92.5	1713	25 3312*
8326	9.5	17 32 49.31	+2.3753	+0.0027	+27 41 52.6	−2.373	+0.345	88.6	1464	27 2854*[3]
8327	9.3	33 3.30	2.2998	0.0027	30 11 29.2	2.352	0.334	85.2	1104 1195 1202	*30 3035*
8328	9.1	33 20.00	2.3311	0.0027	29 9 59.3	2.328	0.339	81.6	581 921 922 925	29 3069
8329	8.2	33 21.19	2.4363	0.0027	25 35 26.7	2.326	0.354	81.1	664 770 848 924	25 3313
8330	9.0	33 27.90	2.3762	0.0027	27 39 40.4	2.317	0.345	74.8	114 216 393	27 2856
8331	8.5	17 33 42.26	+2.4072	+0.0027	+26 35 55.8	−2.296	+0.350	81.1	5 obs.[4]	26 3053
8332	9.0	33 44.26	2.4422	0.0027	25 22 44.1	2.293	0.354	80.3	222 772 774 1197	25 3314
8333	8.9	33 54.35	2.3355	0.0027	29 0 50.3	2.278	0.340	76.9	225 471 582	29 3074
8334	9.4	34 0.54	2.4293	0.0027	25 49 32.2	2.269	0.353	74.5	214	— —
8335	9.1	34 2.41	2.3865	0.0027	27 18 19.4	2.267	0.347	74.9	216 226 299	27 2857
8336	7.5	17 34 6.14	+2.3917	+0.0027	+27 7 29.7	−2.261	+0.348	79.9	5 obs.[5]	27 2858
8337	9.2	34 9.58	2.3569	0.0027	28 18 9.7	2.256	0.343	77.5	474	28 2796*
8338	8.2	34 12.20	2.4003	0.0027	26 49 50.3	2.252	0.349	75.3	111 297 301 394	26 3054
8339	8.5	34 13.09	2.4419	0.0027	25 22 58.4	2.251	0.355	81.8	5 obs.[6]	25 3315
8340	9.3	34 16.32	2.3770	0.0027	27 37 30.9	2.247	0.346	83.0	114 1710	27 2859*
8341	9.4	17 34 17.85	+2.4140	+0.0027	+26 21 27.4	−2.244	+0.351	76.2	215 297 576	26 3055
8342	9.2	34 26.11	2.3650	0.0027	28 1 41.6	2.232	0.344	85.0	849 1464	28 2797*
8343	9.0	34 29.21	2.4411	0.0027	25 24 29.1	2.228	0.355	74.5	214	— —
8344	8.7	34 31.19	2.4510	0.0027	25 3 34.4	2.225	0.356	80.3	664 773 774	25 3316
8345	9.3	34 39.27	2.3820	0.0027	27 27 4.6	2.213	0.346	79.5	226 578 1194	27 2860
8346	9.0	17 34 53.15	+2.3201	+0.0027	+29 30 29.7	−2.193	+0.337	79.6	225 581 922 928	29 3076
8347	9.5	34 53.46	2.4305	0.0027	25 46 38.0	2.193	0.354	93.5	1820 1821	25 3318
8348	8.9	35 4.82	2.3074	0.0027	29 55 12.2	2.176	0.335	79.2	225 772 922	29 3078
8349	8.7	35 5.80	2.4482	0.0027	25 9 1.1	2.175	0.356	79.9	222 923 925	25 3319
8350	7.5[7]	35 12.75	2.3261	0.0027	29 18 25.3	2.165	0.338	77.2	224 582 584	29 3079

[1] Z. 113 217 300 474 580
[2] » 215 301 577 771 772 1196
[3] BD δ 2' greater
[4] Z. 111 215 1103 1110 1461
[5] » 393 473 584 773 1196
[6] Z. 222 583 770 928 1712
[7] Double; south preceding.

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8351	9.0	17h 35m 33.43	+2.3571	+0.0027	+28° 16′ 42.3	−2.135	+0.343	75.9	5 obs.[1]	28° 2800
8352	8.7	35 33.52	2.4404	0.0026	25 25 22.0	2.135	0.355	80.8	583 774 848 924	25 3322
8353	9.5	35 38.66	2.4264	0.0027	25 54 38.2	2.127	0.353	74.5	214	25 3323*
8354	9.4	35 39.45	2.3818	0.0027	27 26 48.1	2.126	0.346	81.0	299 770 921 1197	27 2863
8355	9.4	35 43.05	2.3576	0.0027	28 15 33.4	2.121	0.343	74.5	113 300	28 2801*
8356	9.5	17 35 46.77	+2.4166	+0.0027	+26 15 4.2	−2.115	+0.352	75.5	297	26 3058*
8357	9.0	35 59.17	2.4235	0.0027	26 0 31.7	2.097	0.353	75.0	111 215 301 394	26 3060
8358	8.2	36 2.19	2.3129	0.0027	29 43 48.4	2.093	0.336	75.9	223 225 581	29 3082
8359	9.0	36 6.19	2.4462	0.0026	25 12 39.4	2.087	0.356	78.9	222 664 923	25 3324
8360	9.4	36 15.34	2.4012	0.0027	26 46 33.7	2.074	0.349	81.6	772 924	26 3061*
8361	9.2	17 36 19.35	+2.3294	+0.0027	+29 11 24.6	−2.068	+0.339	83.3	848 849 1103 1194	29 3084*
8362	9.2	36 19.79	2.3268	0.0027	29 16 29.2	2.067	0.339	89.5	1203 1824	29 3083
8363	9.1	36 24.47	2.4169	0.0027	26 14 0.6	2.061	0.352	79.9	394 773 926	26 3062*
8364	9.0	36 32.63	2.3719	0.0026	27 46 12.8	2.049	0.345	75.5	114 216 578	27 2866
8365	9.0	36 38.38	2.3929	0.0026	27 3 31.9	2.040	0.348	93.5	1826 1827	27 2867
8366	8.8	17 36 40.56	+2.3671	+0.0026	+27 55 52.0	−2.037	+0.344	79.9	667 669 775	27 2868
8367	8.0	36 40.98	2.3568	0.0026	28 16 36.4	2.037	0.343	75.3	5 obs.[2]	28 2803
8368	9.2	36 42.95	2.4090	0.0026	26 30 11.3	2.034	0.350	82.2	576 921 1196	26 3063
8369	9.2	36 44.01	2.3246	0.0026	29 20 31.6	2.032	0.338	82.2	582 923 1202	29 3085
8370	9.4	36 45.52	2.3933	0.0026	27 2 41.3	2.030	0.348	84.1	922 925 1200 1201	27 2869
8371	9.2	17 36 46.84	+2.3222	+0.0026	+29 25 0.5	−2.028	+0.338	83.5	581 1199 1295	29 3086
8372	8.1	36 47.90	2.3147	0.0027	29 39 46.6	2.027	0.337	81.2	471 584 1389	29 3087
8373	8.3	37 3.94	2.4382	0.0026	25 29 13.4	2.003	0.355	84.0	5 obs.[3]	25 3327
8374	7.0	37 4.63	2.3737	0.0026	27 42 20.1	2.002	0.345	75.3	216 226 299 393	27 2870
8375	9.3	37 19.87	2.3719	0.0026	27 45 50.3	1.980	0.345	79.0	393 848	27 2871
8376	9.0	17 37 23.23	+2.4221	+0.0026	+26 2 40.6	−1.975	+0.353	75.1	215 301	26 3065
8377	7.8	37 25.46	2.4273	0.0026	25 51 39.7	1.972	0.354	83.3	773 774 1461	25 3328
8378	9.3	37 25.52	2.3709	0.0026	27 47 46.1	1.972	0.345	80.5	772	27 2872*
8379	9.2	37 27.81	2.3192	0.0026	29 30 29.4	1.969	0.337	85.9	926 1294 1462	29 3089
8380	7.9	37 37.27	2.4056	0.0026	26 36 42.6	1.955	0.350	80.1	301 302 775 1464	26 3066
8381	9.3	17 37 41.17	+2.4375	+0.0026	+25 30 10.7	−1.949	+0.355	82.0	222 770 1197 1388	25 3330
8382	9.2	37 43.32	2.3749	0.0026	27 39 38.6	1.946	0.345	84.5	578 1103 1387 1390	27 2873
8383	6.5	37 46.73	2.3200	0.0026	29 28 44.5	1.941	0.338	82.2	582 999 1104	29 3091
8384	9.2	37 52.57	2.4082	0.0026	26 31 13.2	1.933	0.350	83.9	394 1391 1393	26 3068
8385	9.2	37 53.31	2.3994	0.0026	26 49 19.7	1.932	0.349	79.8	111 297 922	26 3067
8386	9.3	17 38 2.11	+2.3957	+0.0026	+26 56 57.1	−1.919	+0.348	86.6	925 1578	26 3069
8387	8.2	38 3.89	2.4561	0.0026	24 50 44.9	1.916	0.358	93.5	1823 1828	24 3235
8388	9.1	38 5.94	2.3258	0.0026	29 17 16.2	1.913	0.339	84.9	772 928 1635	29 3094
8389	9.2	38 8.13	2.3715	0.0026	27 46 8.8	1.910	0.345	77.2	216 226 921	27 2875
8390	7.8	38 11.88	2.3128	0.0026	29 42 43.9	1.905	0.336	79.2	224 471 1203	29 3095
8391	9.4	17 38 18.87	+2.3276	+0.0026	+29 13 36.5	−1.895	+0.339	78.1	225 849	29 3097
8392	8.0	38 28.15	2.3917	0.0026	27 4 50.8	1.881	0.348	79.5	114 667 668 1196	27 2877
8393	9.0	38 42.89	2.3428	0.0026	28 43 25.3	1.860	0.341	76.0	6 217 579 580	28 2811
8394	9.0	38 51.65	2.3261	0.0026	29 16 12.3	1.847	0.339	82.1	5 obs.[4]	29 3099
8395	9.0	39 13.66	2.3347	0.0026	28 59 1.5	1.815	0.340	78.0	113 925	28 2814
8396	9.2	17 39 19.93	+2.3756	+0.0026	+27 37 8.9	−1.806	+0.346	81.5	475 1197	27 2878
8397	9.4	39 22.25	2.3768	0.0026	27 34 37.2	1.803	0.346	93.5	1820 1831	27 2879
8398	9.3	39 23.77	2.4087	0.0026	26 29 24.4	1.800	0.351	85.5	576 1711	— —
8399	8.7	39 37.96	2.4496	0.0026	25 3 35.1	1.780	0.357	82.3	664 848 924 1200	25 3333
8400	9.0	39 48.57	2.3152	0.0026	29 36 56.7	1.764	0.337	85.2	921 1202 1385	29 3102

[1] Z. 113 217 300 474 580 [2] Z. 6 113 217 474 580 [3] Z. 664 770 1109 1385 1389 [4] Z. 471 772 923 1103 1199

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8401	9.4	17h 39m 48s.83	+2s.4171	+0s.0026	+26° 11′ 33″.8	−1″.764	+0″.352	85.6	925 1462	26° 3073
8402	8.8	39 53.22	2.3788	0.0026	27 30 9.5	1.758	0.346	80.1	475 668 770 922	27 2881
8403	8.7	40 2.70	2.3623	0.0026	28 3 36.8	1.744	0.344	85.5	579 1709	28 2816
8404	9.4	40 10.25	2.3823	0.0026	27 23 7.4	1.733	0.347	93.6	1832 1839	27 2882
8405	9.0	40 11.86	2.4459	0.0026	25 11 6.9	1.731	0.356	84.6	923 1295	25 3335
8406	9.1	17 40 14.61	+2.4551	+0.0026	+24 51 27.8	−1.727	+0.358	84.1	926 1203	24 3248
8407	9.0	40 17.63	2.3913	0.0026	27 4 38.4	1.722	0.349	85.0	849 1464	27 2883
8408	8.9	40 22.19	2.3676	0.0026	27 52 34.4	1.716	0.345	83.9	667 1103 1390	27 2884
8409	8.9	40 30.58	2.3452	0.0026	28 37 25.5	1.703	0.342	93.5	1831 1834	28 2820
8410	9.4	40 38.93	2.3066	0.0026	29 53 16.1	1.691	0.336	93.6	1833 1835 1836	29 3104
8411	9.5	17 40 47.36	+2.3071	+0.0026	+29 52 13.6	−1.679	+0.336	93.6	1837 1838	— —
8412	8.3	40 48.36	2.3552	0.0026	28 17 24.8	1.678	0.343	81.6	772 927	28 2822
8413	8.8	40 53.87	2.3455	0.0026	28 36 39.4	1.670	0.342	83.1	923 925 926 1110	28 2823
8414	8.5	41 5.05	2.3564	0.0026	28 14 45.8	1.653	0.343	88.0	1199 1578	28 2824
8415	8.9	41 15.63	2.4365	0.0026	25 30 18.9	1.638	0.355	81.0	770 849	25 3340
8416	9.0	17 41 31.90	+2.3846	+0.0026	+27 17 38.6	−1.614	+0.348	81.0	772 849	27 2887
8417	8.9	41 32.01	2.3569	0.0026	28 13 42.7	1.614	0.343	82.6	921 924	28 2827
8418	9.0	41 32.45	2.4173	0.0025	26 10 29.6	1.613	0.352	87.8	576 1635 1826	26 3075
8419	**3.3**	**41 34.05**	**2.3698**	**0.0026**	**27 47 42.1**	**1.611**	**0.345**		**Fund. Cat.**	**27 2888**
8420	8.9	41 36.21	2.4536	0.0025	24 54 13.4	1.608	0.357	90.0	1387 1710	24 3252
8421	9.0	17 41 36.89	+2.4432	+0.0025	+25 16 12.2	−1.607	+0.356	88.5	1104 1712	25 3342
8422	7.0	41 37.22	2.4281	0.0025	25 47 55.4	1.607	0.354	87.5	1385 1388	25 3344
8423	8.9	41 37.65	2.4163	0.0025	26 12 24.2	1.606	0.352	84.9	576 922 1823	26 3076
8424	8.7	41 46.89	2.3627	0.0026	28 1 51.0	1.592	0.344	77.9	6 579 923	28 2829
8425	8.0	41 58.43	2.3594	0.0026	28 8 29.2	1.576	0.343	86.6	1202 1393	28 2830
8426	8.2	17 42 3.60	+2.3196	+0.0026	+29 27 19.5	−1.568	+0.338	80.0	471 927	29 3108
8427	9.0	42 4.15	2.3139	0.0026	29 38 14.1	1.567	0.337	87.6	924 1715	29 3109
8428	9.1	42 6.65	2.4348	0.0025	25 33 35.4	1.564	0.355	87.6	1295 1462	25 3345
8429	9.5	42 20.52	2.4425	0.0025	25 17 14.5	1.543	0.356	94.5	1923 1924	25 3346
8430	9.0	42 20.83	2.3213	0.0026	29 23 47.8	1.543	0.338	82.9	848 849 1203	29 3111
8431	7.5	17 42 21.77	+2.3347	+0.0026	+28 57 22.7	−1.542	+0.340	90.0	1390 1709	28 2831
8432	9.5	42 31.96	2.3877	0.0025	27 10 44.9	1.527	0.348	93.5	1820 1830	27 2890
8433	9.5	42 32.35	2.3210	0.0025	29 24 9.2	1.526	0.338	77.5	471	29 3113*
8434	8.7	42 38.73	2.4535	0.0025	24 53 44.4	1.517	0.357	90.6	1464 1714	24 3255
8435	9.1	42 44.31	2.3680	0.0025	27 50 44.9	1.509	0.345	88.0	925 1828	27 2891
8436	8.9	17 42 48.04	+2.4371	+0.0025	+25 28 26.4	−1.504	+0.355	82.6	664 1199	25 3348
8437	9.1	42 50.48	2.3505	0.0025	28 25 39.1	1.500	0.342	81.5	579 1104	28 2834
8438	9.0	42 51.92	2.3928	0.0025	27 0 12.9	1.498	0.349	84.0	215 1829	26 3081
8439	8.2	42 53.42	2.3392	0.0025	28 48 9.9	1.496	0.341	81.9	580 922 1110	28 2835
8440	8.7	42 53.56	2.3218	0.0025	29 22 27.8	1.496	0.338	85.6	584 1713	29 3116
8441	9.5	17 42 57.47	+2.3439	+0.0025	+28 38 51.1	−1.490	+0.341	76.5	6 770	28 2838*
8442	8.5	42 57.57	2.3427	0.0025	28 41 8.0	1.490	0.341	79.2	217 770 921	28 2837
8443	9.3	43 1.94	2.3493	0.0025	28 27 57.8	1.483	0.342	93.6	1833 1837 1838	28 2839
8444	9.1	43 5.60	2.4168	0.0025	26 10 46.9	1.478	0.352	84.5	1103	26 3082*
8445	9.1	43 9.64	2.4378	0.0025	25 26 48.9	1.472	0.355	90.5	1385 1832	25 3350
8446	9.0	17 43 12.25	+2.3236	+0.0025	+29 18 51.5	−1.468	+0.339	90.5	1387 1831	29 3117
8447	8.5	43 22.56	2.3895	0.0025	27 6 40.9	1.453	0.348	76.3	216 299 303 668	27 2892
8448	9.5	43 27.16	2.4392	0.0025	25 23 41.5	1.447	0.355	87.5	1388	25 3352*
8449	9.3	43 29.43	2.4482	0.0025	25 4 41.2	1.443	0.357	93.6	1835 1836	25 3351
8450	8.9	43 43.31	2.3266	0.0025	29 12 43.4	1.423	0.339	76.1	117 581	29 3120

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8451	5.7	17h 43m 45.12	+2.4313	+0.0025	+25° 39' 57.3	−1.421	+0.354	79.9	222 664 1202	25° 3353
8452	9.0	43 52.38	2.3260	0.0025	29 13 46.7	1.410	0.339	80.3	6 obs.[1]	29 3121
8453	9.2	43 53.91	2.4537	0.0025	24 52 49.7	1.408	0.358	84.6	923 1295	24 3259*
8454	8.9	44 5.65	2.3273	0.0025	29 11 4.1	1.391	0.339	74.6	224 225	29 3122
8455	9.3	44 7.24	2.4528	0.0025	24 54 42.0	1.389	0.357	88.1	1390 1461	24 3262*
8456	9.4	17 44 7.92	+2.4551	+0.0025	+24 50 2.6	−1.388	+0.358	88.1	1393 1462	24 3261*
8457	9.2	44 25.70	2.4282	0.0025	25 46 30.6	1.362	0.354	81.6	772 849 926	25 3355
8458	8.6	44 53.75	2.4151	0.0025	26 13 29.2	1.321	0.352	80.9	297 848 1199	26 3087
8459	9.0	45 6.71	2.3482	0.0025	28 29 23.9	1.302	0.342	85.5	1194 1197 1200	28 2844
8460	7.0[2]	45 9.66	2.4408	0.0025	25 19 40.9	1.298	0.356	76.6	222 231 770	25 3357
8461	8.9	17 45 17.48	+2.4468	+0.0025	+25 7 3.7	−1.286	+0.357	80.1	214 774 921 924	25 3358
8462	9.3	45 18.43	2.4186	0.0025	26 6 5.8	1.285	0.353	82.2	848 922 925	26 3089
8463	9.0	45 18.87	2.3267	0.0025	29 11 51.6	1.284	0.339	75.6	224 225 471	29 3123
8464	8.3	45 21.78	2.3547	0.0025	28 16 14.0	1.280	0.343	75.5	6 obs.[3]	28 2845
8465	9.5	45 22.47	2.3045	0.0025	29 55 2.3	1.279	0.336	83.2	581 1196 1201	29 3124
8466	6.0	17 45 32.16	+2.3218	+0.0025	+29 21 24.9	−1.265	+0.339	77.6	230 582 584 597	29 3126
8467	8.4	45 34.81	2.3639	0.0025	27 57 52.3	1.261	0.344	75.0	114 216 299 393	27 2897
8468	9.0	45 44.47	2.4069	0.0025	26 30 4.6	1.247	0.351	81.8	775 849 926 927	26 3091
8469	9.3	45 50.10	2.3044	0.0025	29 55 1.0	1.239	0.336	80.6	117 471 1202 1203	29 3127
8470	9.4	45 56.69	2.3991	0.0025	26 46 10.9	1.229	0.350	87.5	1386	26 3092*
8471	9.5	17 46 2.80	+2.3583	+0.0025	+28 8 44.1	−1.220	+0.343	93.5	1820 1826	28 2847
8472	9.0	46 3.60	2.3689	0.0025	27 47 29.0	1.219	0.345	75.6	226 299 303 393	27 2898
8473	9.3	46 5.50	2.3053	0.0025	29 53 16.6	1.216	0.336	88.6	1463	— —
8474	8.3	46 6.26	2.2977	0.0025	30 7 51.6	1.215	0.335	93.2	1709 1823 1828 1829	30 3068
8475	9.0	46 7.97	2.4136	0.0025	26 16 19.2	1.213	0.352	82.0	9 obs.	26 3096
8476	8.7	17 46 8.72	+2.3856	+0.0025	+27 13 37.6	−1.212	+0.348	80.8	475 578 592 1462	27 2900
8477	7.2	46 9.62	2.3009	0.0025	30 1 49.1	1.210	0.336	75.9	224 230 591	30 3069
8478	8.1	46 10.22	2.3892	0.0025	27 6 9.5	1.209	0.348	77.1	216 667	27 2901
8479	9.2	46 10.48	2.3067	0.0025	29 50 28.8	1.209	0.337	87.6	1295 1390 1464	29 3129
8480	8.2	46 17.01	2.2934	0.0025	30 16 8.6	1.200	0.335	83.6	225 1717	*30 3071*
8481	9.0	17 46 19.45	+2.3522	+0.0025	+28 20 54.3	−1.196	+0.343	78.3	217 300 580 1109	28 2849
8482	8.9	46 34.17	2.4462	0.0024	25 7 45.8	1.174	0.356	89.5	1104 1635 1710	25 3360
8483	8.5[4]	46 50.78	2.3544	0.0025	28 16 14.5	1.150	0.343	79.4	6 obs.[5]	28 2852
8484	9.2	46 54.31	2.3993	0.0025	26 45 17.0	1.145	0.350	86.9	1194 1385 1388	26 3098
8485	8.3	46 56.78	2.3955	0.0025	26 53 6.7	1.142	0.349	79.6	215 773 774 925	26 3099
8486	7.9	17 47 4.16	+2.4119	+0.0024	+26 19 24.2	−1.131	+0.352	79.6	228 302 928 1196	26 3100
8487	9.2	47 5.89	2.4082	0.0024	26 26 57.1	1.128	0.351	90.2	1199 1711 1715	26 3101*
8488	9.0	47 11.56	2.3142	0.0025	29 35 33.2	1.120	0.338	91.6	1578 1714	— —
8489	8.8	47 13.03	2.3648	0.0025	27 55 16.2	1.118	0.344	80.0	299 475 578 1461	27 2903
8490	8.9	47 15.56	2.4055	0.0025	26 32 22.2	1.114	0.351	78.5	297 849	26 3102
8491	9.2	17 47 16.80	+2.2979	+0.0025	+30 7 4.5	−1.112	+0.336	78.2	5 obs.[6]	30 3073
8492	7.8	47 17.73	2.4491	0.0024	25 1 25.9	1.111	0.357	75.9	214 230 583	25 3364
8493	9.1	47 18.68	2.4541	0.0024	24 50 51.6	1.110	0.358	81.2	583 921 926	24 3274
8494	8.4	47 24.61	2.3910	0.0025	27 2 6.1	1.101	0.349	77.6	114 667 668	27 2904
8495	9.0	47 26.73	2.3982	0.0024	26 47 29.2	1.098	0.350	83.9	773 1197 1200	26 3105
8496	8.5	17 47 30.16	+2.4316	+0.0024	+25 38 12.1	−1.093	+0.354	80.6	222 999 1000	25 3365
8497	8.9	47 30.81	2.3943	0.0024	26 55 26.5	1.092	0.349	77.6	226 302 924	26 3106
8498	7.7	47 33.59	2.3854	0.0024	27 13 28.3	1.088	0.348	77.9	216 587[8] 592 674	27 2905
8499	8.2	47 38.73	2.3662	0.0024	27 52 22.9	1.081	0.345	76.3	226 303 393 578	27 2906
8500	9.4	47 48.93	2.3355	0.0024	28 53 32.8	1.066	0.340	75.0	6 113 300 579	28 2855

[1] Z. 224 581 773 925 927 928
[2] Double; north preceding
[3] Z. 6 113 217 300 579 580
[4] Close double; middle
[5] Z. 113 217 775 922 924 927
[6] » 117 471 582 584 921

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8501	8.9	17h 47m 51.07	+2.3091	+0.0025	+29° 45' 3.7	−1.063	+0.337	81.6	224 1464	29° 3132
8502	8.9	47 53.08	2.3750	0.0024	27 34 37.4	1.060	0.346	82.6	774 1110	27 2908
8503	9.3	47 53.29	2.2971	0.0025	30 8 13.2	1.059	0.335	76.3	117 225 581 582	30 3075
8504	9.0	48 2.84	2.4081	0.0024	26 26 51.2	1.045	0.351	81.6	770 926	26 3110
8505	8.0	48 3.65	2.3104	0.0025	29 42 33.6	1.044	0.337	78.3	230 584 848	29 3134
8506	8.0	17 48 13.01	+2.4490	+0.0024	+25 1 15.7	−1.031	+0.357	78.1	214 222 230 1462	25 3368
8507	8.6	48 16.10	2.3434	0.0024	28 37 45.1	1.026	0.341	78.6	217 580 925	28 2858
8508	8.8	48 22.60	2.3163	0.0025	29 31 1.6	1.017	0.338	83.9	928 1103 1104	29 3135
8509	8.8	48 26.94	2.3803	0.0024	27 23 42.8	1.010	0.347	83.2	226 921 1713	27 2910
8510	9.4	48 28.22	2.3502	0.0024	28 24 13.6	1.008	0.342	84.5	300 1829	28 2859
8511	9.1	17 48 29.03	+2.4119	+0.0024	+26 18 54.5	−1.007	+0.352	86.2	1201 1202 1390	26 3111*
8512	9.0	48 31.30	2.4185	0.0024	26 5 14.9	1.004	0.353	82.9	297 1203 1389	26 3112
8513	9.3	48 31.97	2.3762	0.0024	27 31 47.6	1.003	0.346	75.2	9 114 668	27 2911*
8514	8.9	48 36.21	2.4066	0.0024	26 29 39.9	0.997	0.351	82.2	849 926 928	26 3113
8515	9.5	48 47.88	2.3107	0.0025	29 41 50.3	0.980	0.337	76.1	117 581	29 3137*
8516	9.0	17 48 52.69	+2.3868	+0.0024	+27 10 16.9	−0.973	+0.348	82.0	578 1194	27 2912
8517	7.9	49 7.74	2.3808	0.0024	27 22 18.6	0.951	0.347	78.6	5 obs.[1]	27 2914
8518	9.2	49 14.42	2.4074	0.0024	26 27 56.5	0.941	0.351	75.6	302	26 3116*
8519	8.1[2]	49 19.55	2.3062	0.0025	29 50 15.7	0 934	0.337	78.1	225 230 591 1107	29 3139
8520	8.9	49 27.90	2.4364	0.0024	25 27 34.0	0.922	0.355	75.9	214 222 583	25 3374
8521	9.0	17 49 30.15	+2.3151	+0.0024	+29 32 56.7	−0.918	+0.338	80.8	770 773 774 848	29 3141
8522	9.5	49 30.24	2.3497	0.0024	28 24 53.6	0.918	0.342	72.5	6	— —
8523	7.8	49 31.94	2.3730	0.0024	27 38 9.0	0.916	0.346	78.9	475 668 674	27 2916
8524	9.1	49 37.72	2.3140	0.0024	29 35 9.8	0.907	0.338	80.5	770	29 3142*
8525	8.6	49 40.82	2.4474	0.0024	25 4 25.4	0.903	0.357	82.1	231 922 1196 1200	25 3375
8526	8.6	17 49 48.67	+2.4304	+0.0024	+25 40 4.9	−0.891	+0.354	83.3	924 925 1108	25 3376
8527	9.0	50 2.15	2.2999	0.0024	30 2 23.6	0.872	0.336	76.9	224 471 581	30 3083
8528	9.2	50 2.58	2.4178	0.0024	26 6 18.7	0.871	0.353	81.6	302 1104 1109	26 3118
8529	8.9	50 5.43	2.4270	0.0024	25 47 1.3	0.867	0.354	85.6	1002 1110 1462	25 3378
8530	8.0	50 20.22	2.4418	0.0024	25 16 1.2	0.845	0.356	80.0	222 848 849 921	25 3379
8531	5.7	17 50 22.58	+2.4187	+0.0024	+26 4 16.9	−0.842	+0.353	86.3	1197 1202 1296 1385	26 3120
8532	9.2	50 23.14	2.4317	0.0024	25 37 19.0	0.841	0.355	85.9	925 1295 1463	25 3380*
8533	9.0	50 29.51	2.4411	0.0024	25 17 28.7	0.832	0.356	84.1	924 1203	25 3382
8534	7.8	50 30.40	2.4450	0.0024	25 9 11.9	0.831	0.356	84.6	923 1199 1201	25 3381
8535	9.1	50 39.98	2.4416	0.0024	25 16 24.2	0.816	0.356	86.0	1103 1390	25 3383
8536	8.5	17 50 53.01	+2.4105	+0.0024	+26 21 6.7	−0.797	+0.352	81.6	772 926	26 3124
8537	9.1	50 59.20	2.4453	0.0024	25 8 28.8	0.788	0.356	87.6	1389 1391 1393	25 3384*
8538	8.4	50 59.63	2.4490	0.0024	25 0 38.7	0.788	0.357	84.6	1107 1108	25 3385
8539	8.6	51 15.83	2.4022	0.0024	26 38 9.5	0.764	0.350	85.6	922 1006(2) 1709	26 3126
8540	9.0	51 19.19	2.3783	0.0024	27 26 58.7	0.759	0.347	74.9	9 299 393	27 2921
8541	9.5	17 51 32.21	+2.4233	+0.0023	+25 54 29.2	−0.740	+0.353	91.8	1464 1820 1831	25 3387
8542	8.7	51 35.09	2.4019	0.0024	26 38 37.9	0.736	0.350	84.1	922 1200	26 3129
8543	9.3	51 38.07	2.4352	0.0023	25 29 26.4	0.732	0.355	74.5	214	25 3388*
8544	9.0	51 47.10	2.4328	0.0023	25 34 32.2	0.719	0.355	89.0	1196 1710	25 3389
8545	9.0	51 47.76	2.4239	0.0023	25 53 8.2	0.718	0.353	84.1	928 1202	25 3391
8546	8.5	17 51 49.20	+2.4427	+0.0023	+25 13 42.6	−0.716	+0.356	84.2	5 obs.[3]	25 3390
8547	9.3	51 50.37	2.3930	0.0024	26 56 55.5	0.714	0.349	87.5	1388	26 3130*
8548	9.1[4]	51 52.74	2.3160	0.0024	29 30 32.3	0.710	0.338	93.5	1828 1833	29 3149
8549	9.0	51 56.18	2.3183	0.0024	29 25 58.0	0.705	0.338	89.1	1197 1717	— —
8550	9.2	51 56.49	2.3917	0.0024	26 59 36.2	0.705	0.349	85.9	924 1385 1386	26 3131

[1] Z. 216 299 303 587a 1465 [2] Very close double; middle [3] Z. 770 923 1104 1109 1462 [4] Coarse double; n. prec.

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8551	9.2	17h 52m 5.59	+2.3160	+0.0024	+29° 30′ 37.8	−0.692	+0.338	84.1	926 1199	29° 3150*
8552	9.5	52 8.31	2.3461	0.0024	28 31 25.1	0.688	0.342	93.5	1826 1829	28 2869
8553	9.0	52 13.52	2.3145	0.0024	29 33 38.7	0.680	0.338	93.5	1832	— —
8554	9.0	52 14.71	2.4431	0.0023	25 12 53.2	0.678	0.356	85.6	925 1463	25 3392
8555	9.2	52 19.46	2.4086	0.0023	26 24 43.1	0.671	0.351	84.6	849 1110 1390	26 3132
8556	8.4	17 52 22.12	+2.4030	+0.0023	+26 36 14.1	−0.668	+0.351	86.1	1199 1394	26 3134
8557	9.2	52 34.34	2.4364	0.0023	25 26 56.6	0.650	0.355	83.0	214 1635	25 3393
8558	9.2	52 36.74	2.4126	0.0023	26 16 26.6	0.646	0.352	86.9	928 1203 1715	26 3135
8559	8.5	52 39.44	2.3615	0.0023	28 0 29.9	0.642	0.345	95.5	1955 1956 1959 1961	28 2872
8560	9.2	52 43.65	2.4197	0.0023	26 1 47.1	0.636	0.353	95.5	1957 1958 1960	26 3136
8561	8.7	17 52 44.36	+2.3167	+0.0024	+29 28 58.0	−0.635	+0.338	80.3	225 926 1000	29 3153
8562	9.1	52 49.05	2.3659	0.0023	27 51 32.1	0.628	0.346	76.5	393	27 2922
8563	8.3	52 49.78	2.3658	0.0023	27 51 46.0	0.627	0.346	79.3	9 299 393 1714	
8564	8.3	52 49.73	2.3537	0.0023	28 16 6.0	0.627	0.344	83.6	772 922 1390	28 2873
8565	8.8	52 49.93	2.3166	0.0024	29 29 16.4	0.627	0.338	80.6	225 999 1000	29 3154
8566	8.8	17 52 51.86	+2.3184	+0.0024	+29 25 37.7	−0.624	+0.338	85.2	923 1104 1464	29 3155
8567	3.6	52 54.48	2.3235	0.0024	29 15 45.0	0.621	0.339		**Fund. Cat.**	29 3156
8568	8.9	53 7.45	2.3518	0.0023	28 19 49.9	0.602	0.343	85.1	921 1389	28 2874
8569	7.9	53 12.62	2.3792	0.0023	27 24 36.3	0.594	0.347	84.9	578 999 1711	27 2923
8570	9.2	53 15.15	2.2952	0.0024	30 10 28.0	0.590	0.335	83.6	849 1107 1108	*30 3091*
8571	8.4	17 53 24.69	+2.3616	+0.0023	+28 0 9.3	−0.576	+0.345	80.4	5 obs.[1]	27 2925
8572	8.5	53 33.26	2.4484	0.0023	25 1 19.8	0.564	0.357	90.6	1465 1713	25 3396
8573	4.5	53 43.21	2.2944	0.0024	30 12 4.2	0.549	0.335	85.9	1196 1197 1295	*30 3093*
8574	9.1	53 50.42	2.4106	0.0023	26 20 20.9	0.539	0.352	82.1	770 1000	26 3140
8575	9.0	53 55.68	2.3783	0.0023	27 26 21.8	0.531	0.347	75.9	9 299 668	27 2927
8576	8.9	17 53 59.57	+2.3072	+0.0024	+29 47 18.9	−0.526	+0.337	81.6	225 848 1110 1199	29 3158
8577	9.5	54 11.46	2.4003	0.0023	26 41 25.6	0.508	0.350	74.5	215	26 3141*
8578	9.4	54 13.32	2.4506	0.0023	24 56 35.4	0.506	0.357	87.6	1390	24 3292*
8579	7.7	54 16.05	2.2988	0.0024	30 3 30.8	0.502	0.336	81.9	581 926 1109	30 3096
8580	8.2	54 19.04	2.3540	0.0023	28 15 15.1	0.497	0.344	83.9	928 1001 1202	28 2878
8581	9.2	17 54 20.41	+2.3370	+0.0023	+28 48 58.8	−0.495	+0.341	85.1	1104 1203	28 2879
8582	9.0	54 21.93	2.4060	0.0023	26 29 48.9	0.493	0.351	86.2	1103 1201 1463	26 3142
8583	8.9[2]	54 34.87	2.3160	0.0023	29 30 4.7	0.474	0.338	79.6	224 584 921 922	29 3160
8584	8.7	54 42.82	2.3574	0.0023	28 8 26.2	0.462	0.344	82.3	300 923 928 1462	28 2881
8585	8.9	54 46.70	2.4489	0.0023	25 0 9.8	0.457	0.357	81.6	5 obs.[3]	25 3399
8586	7.5	17 55 23.52	+2.3396	+0.0023	+28 43 34.9	−0.403	+0.341	77.7	5 obs.[4]	28 2882
8587	9.0	55 29.20	2.4000	0.0023	26 41 53.0	0.395	0.350	83.6	849 1107 1108	26 3143
8588	8.9	55 31.41	2.3259	0.0023	29 10 38.3	0.392	0.339	79.2	5 obs.[5]	29 3164
8589	9.2	55 34.76	2.4513	0.0022	24 54 55.9	0.387	0.357	87.0	1200 1385 1386 1388	24 3302
8590	8.8	55 34.79	2.4228	0.0023	25 54 49.5	0.387	0.353	75.9	222 231 583	25 3402
8591	9.0	17 55 44.59	+2.3629	+0.0023	+27 57 8.6	−0.372	+0.345	78.0	9 114 299 1579	27 2931
8592	7.5	55 50.74	2.3138	0.0023	29 34 16.0	0.364	0.338	76.3	123 225 581 584	29 3165
8593	9.1	55 51.95	2.4187	0.0023	26 3 20.2	0.362	0.353	84.1	302 1709	26 3144
8594	8.2	55 54.65	2.4042	0.0023	26 33 16.7	0.358	0.351	76.3	229 302 592	26 3145
8595	9.0	55 54.80	2.4043	0.0023	26 33 9.4	0.358	0.351	74.6	229	
8596	8.4	17 55 58.62	+2.4118	+0.0023	+26 17 32.2	−0.352	+0.352	77.6	215 585 665	26 3146
8597	9.1	56 0.12	2.3186	0.0023	29 24 57.1	0.350	0.338	75.6	117 230 582	29 3166
8598	8.6	56 1.28	2.3456	0.0023	28 31 48.4	0.348	0.342	75.2	6 217 580	28 2886
8599	8.8	56 1.55	2.3672	0.0023	27 48 33.9	0.348	0.346	75.9	226 303 475	27 2932
8600	9.2	56 2.84	2.4517	0.0022	24 54 3.3	0.346	0.357	83.9	927 1104 1110	24 3305

[1] Z. 6 585 924 925 1200
[2] Double; north
[3] Z. 772 774 848 924 925
[4] » 6 113 300 580 1464
[5] Z. 117 224 582 775 1465

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8601	9.2	17h 56m 14.s07	+2.s3666	+0.s0023	+27° 49' 42."0	—0."330	+0."346	76.1	226 475	27° 2933
8602	9.0	56 19.09	2.3861	0.0023	27 10 8.9	0.322	0.348	75.6	299	27 2934*
8603	8.0	56 28.27	2.4498	0.0022	24 58 9.9	0.309	0.357	84.9	6 obs.[1]	24 3308
8604	7.2	56 29.66	2.4349	0.0022	25 29 33.2	0.307	0.355	77.9	214 231 1109	25 3404
8605	9.0	56 37.55	2.3872	0.0023	27 8 2.5	0.295	0.348	80.4	5 obs.[2]	27 2938
8606	9.0	17 56 42.60	+2.3995	+0.0023	+26 42 51.9	—0.288	+0.350	82.9	478 1199 1201	26 3148
8607	9.2	56 49.15	2.3365	0.0023	28 49 33.3	0.278	0.341	74.9	6 113 579	28 2889
8608	9.0	56 53.03	2.3933	0.0023	26 55 32.5	0.273	0.349	81.3	478 585 1387	26 3149
8609	9.0	56 56.00	2.4246	0.0022	25 50 54.5	0.268	0.354	82.1	222 927 1197 1203	25 3409
8610	8.8	56 57.30	2.4485	0.0022	25 0 50.0	0.267	0.357	87.0	1295 1386	25 3410
8611	9.0	17 57 6.85	+2.3634	+0.0023	+27 56 1.3	—0.253	+0.345	74.6	216 226	27 2940
8612	9.1	57 8.00	2.3250	0.0023	29 12 7.9	0.251	0.339	76.6	224 582	29 3169
8613	9.1	57 12.80	2.3140	0.0023	29 33 40.7	0.244	0.338	76.9	123 581 591	29 3172
8614	8.8	57 14.45	2.4305	0.0022	25 38 35.8	0.241	0.354	82.3	583 773 922 1389	25 3411
8615	9.0	57 15.18	2.4262	0.0022	25 47 27.6	0.240	0.354	80.6	214 921 924 925	25 3412
8616	9.1	17 57 15.41	+2.3716	+0.0023	+27 39 41.7	—0.240	+0.346	79.3	114 578 923 926	27 2941
8617	8.3	57 22.89	2.4490	0.0022	24 59 39.9	0.229	0.357	87.0	1104 1385 1390 1464	24 3311
8618	7.3	57 25.82	2.4106	0.0022	26 20 1.2	0.225	0.352	76.3	215 302 592	26 3151
8619	9.4	57 28.45	2.4087	0.0022	26 23 44.2	0.221	0.351	85.6	928 1200 1462	26 3152
8620	9.1	57 36.68	2.3251	0.0023	29 12 2.1	0.209	0.339	81.0	5 obs.[3]	29 3173
8621	9.1	17 57 38.82	+2.2987	+0.0023	+30 3 13.2	—0.206	+0.336	84.6	1107 1108	30 3110*
8622	9.3	57 45.72	2.3251	0.0023	29 11 53.7	0.196	0.339	77.8	117 225 775 922	29 3174
8623	8.9	57 48.01	2.3479	0.0022	28 27 2.7	0.193	0.342	74.6	121 217 227 300	28 2895
8624	8.5	57 57.15	2.3966	0.0022	26 48 42.4	0.179	0.350	81.6	665 997	26 3155
8625	8.8	58 2.16	2.4433	0.0022	25 11 36.5	0.172	0.356	81.6	222 1465	25 3414
8626	9.5	17 58 6.05	+2.3573	+0.0022	+28 8 8.5	—0.166	+0.343	75.5	113 217 580	28 2899
8627	8.3[4]	58 7.41	2.4385	0.0022	25 21 44.0	0.164	0.356	81.6	231 1110 1202	25 3415
8628	9.2	58 8.67	2.3466	0.0022	28 29 31.4	0.162	0.342	84.1	300 1712	28 2901*
8629	8.4	58 9.12	2.4188	0.0022	26 2 58.5	0.162	0.353	79.6	120 772 1109	26 3157
8630	8.7	58 17.51	2.3938	0.0022	26 54 26.7	0.150	0.349	80.2	5 obs.[5]	26 3158
8631	9.0	17 58 19.57	+2.3661	+0.0022	+27 50 36.3	—0.147	+0.345	80.6	5 obs.[6]	27 2943
8632	9.0	58 24.97	2.3639	0.0022	27 55 5.4	0.139	0.344	73.5	114	— —
8633	9.2	58 29.69	2.3764	0.0022	27 29 53.3	0.132	0.347	80.6	5 obs.[7]	27 2944
8634	9.1	58 38.85	2.3136	0.0023	29 34 17.8	0.118	0.337	75.6	123 224 581	29 3175
8635	8.6	58 40.55	2.4515	0.0022	24 54 19.6	0.116	0.357	82.9	583 1103 1196	24 3318
8636	9.2	17 58 42.22	+2.4186	+0.0022	+26 3 17.7	—0.114	+0.353	82.8	8 obs.	26 3159
8637	9.0	58 46.51	2.3114	0.0023	29 38 34.4	0.107	0.337	74.1	123 225	29 3176
8638	9.0	58 50.76	2.3448	0.0022	28 33 14.3	0.101	0.342	75.6	121 227 579	28 2905
8639	9.3	58 50.91	2.4393	0.0022	25 20 3.2	0.101	0.356	93.5	1825 1826	25 3419
8640	7.2	58 53.54	2.4013	0.0022	26 38 55.7	0.097	0.350	77.6	120 302 592 928	26 3160
8641	9.3	17 58 56.22	+2.3446	+0.0022	+28 33 28.5	—0.093	+0.342	76.6	227 579	— —
8642	8.9	59 4.76	2.4391	0.0022	25 20 26.7	0.081	0.356	74.4	122 222 231 (2)	25 3420
8643	9.2	59 7.59	2.4452	0.0022	25 7 45.8	0.077	0.356	87.2	1295 1387 1390	25 3421
8644	9.0	59 23.94	2.3436	0.0022	28 35 25.7	0.053	0.342	74.9	6 113 580	28 2909
8645	8.6	59 32.67	2.3633	0.0022	27 56 9.3	0.040	0.344	79.6	9 475 665 1464	27 2946
8646	9.0	17 59 32.93	+2.4392	+0.0022	+25 20 16.5	—0.040	+0.356	83.4	5 obs.[8]	25 3422
8647	9.5	59 39.65	2.3802	0.0022	27 22 3.3	0.030	0.347	81.2	772 773 926	27 2947
8648	7.5	59 40.22	2.3878	0.0022	27 6 31.7	0.029	0.348	79.6	585 587[a] 667 850	27 2948
8649	9.3	59 42.23	2.4029	0.0022	26 35 38.5	0.026	0.351	86.9	1203 1386 1388	26 3163
8650	9.3	59 47.88	2.3634	0.0022	27 55 59.7	0.018	0.344	77.5	475	27 2949*

[1] Z. 850 1103 1113 1196 1202 1388
[2] » 9 667 668 848 1463
[3] » 117 584 588 926 1635
[4] Double; north following
[5] Z. 478 592 666 921 923
[6] » 9 303 668 925 1711
[7] Z. 216 585 774 775 1463
[8] » 222 1104 1108 1200 1389

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8651	7.5	18h 0m 7.88	+2.3290	+0.0022	+29° 4' 25.2	+0.012	+0.340	75.3	117 123 581	29° 3180
8652	9.0	0 8.72	2.4241	0.0022	25 51 47.2	0.013	0.354	85.6	583 1715	25 3423
8653	7.7	0 12.95	2.3746	0.0022	27 33 20.1	0.019	0.346	75.6	9 216 667	27 2951
8654	7.8	0 33.82	2.3410	0.0022	28 40 34.4	0.049	0.341	79.4	300 674 677 924	28 2914
8655	8.5	0 54.56	2.4327	0.0022	25 34 1.0	0.080	0.355	77.6	122 670 673	25 3426
8656	8.2	18 0 54.88	+2.4296	+0.0022	+25 40 22.6	+0.080	+0.354	84.3	922 926 997 1463	25 3427
8657	9.3	1 16.43	2.3368	0.0022	28 48 55.1	0.112	0.341	73.0	6 113	28 2917
8658	9.0	1 16.44	2.4103	0.0022	26 20 25.1	0.112	0.352	78.3	302 592 770	26 3168
8659	8.6	1 18.57	2.4393	0.0021	25 19 59.8	0.115	0.356	77.1	222 673	25 3430
8660	9.3	1 33.54	2.3253	0.0022	29 11 32.7	0.137	0.339	78.6	225 581 925	29 3182
8661	9.4	18 1 51.83	+2.3999	+0.0022	+26 41 46.0	+0.163	+0.350	81.3	665 770 926 928	26 3171
8662	8.5	1 52.34	2.3724	0.0022	27 37 55.6	0.164	0.346	79.0	5 obs.[1]	27 2956
8663	8.7	2 2.63	2.3085	0.0022	29 44 26.1	0.179	0.336	79.1	225 997	29 3184
8664	8.5	2 8.85	2.3500	0.0022	28 22 53.2	0.188	0.342	83.1	922 999	28 2922
8665	9.4	2 13.10	2.4498	0.0021	24 57 58.3	0.194	0.357	94.5	1723 1955 1956	24 3334
8666	9.0	18 2 18.89	+2.3422	+0.0022	+28 38 10.7	+0.203	+0.342	79.9	113 925 997	28 2923
8667	9.0	2 21.98	2.4384	0.0021	25 21 54.9	0.207	0.356	78.0	222 670(2)	25 3435
8668	9.2	2 24.45	2.3488	0.0022	28 25 15.2	0.211	0.342	88.6	1464	28 2924*
8669	7.3	2 28.78	2.4086	0.0021	26 23 57.2	0.217	0.351	82.3	592 999 1104	26 3175
8670	9.4	2 35.12	2.4370	0.0021	25 25 5.9	0.226	0.355	83.6	1002	25 3437
8671	9.2	18 2 36.90	+2.3860	+0.0021	+27 10 30.3	+0.229	+0.348	78.0	114 924	— —
8672	**3.8**	**2 40.03**	**2.3389**	**0.0022**	**28 44 47.8**	**0.233**	**0.341**		**Fund. Cat.**	**28 2925**
8673	8.9	2 43.21	2.3570	0.0021	28 8 52.8	0.238	0.343	83.6	1000 1001	28 2926
8674	6.1	2 47.26	2.4179	0.0021	26 4 49.3	0.244	0.353	83.3	592 1109 1296	26 3178
8675	5.9	2 47.26	2.4178	0.0021	26 5 3.0	0.244	0.353	84.2	1011 1109	
8676	9.2	18 2 47.51	+2.3351	+0.0022	+28 52 18.9	+0.244	+0.341	84.5	1103	28 2927*
8677	8.4	2 51.98	2.3799	0.0021	27 22 49.6	0.251	0.347	79.4	9 667 850 1006	27 2960
8678	9.4	2 53.25	2.3715	0.0021	27 39 45.4	0.253	0.346	93.2	1724 1830 1831	27 2961
8679	9.4	2 57.53	2.3711	0.0021	27 40 33.9	0.259	0.346	93.5	1833	— —
8680	8.8	2 59.87	2.3484	0.0021	28 25 54.2	0.262	0.342	92.6	1722 1725 1727	28 2928
8681	9.0	18 3 0.46	+2.3967	+0.0021	+26 48 35.5	+0.263	+0.350	89.6	923 1717 1829	26 3180
8682	8.0	3 2.35	2.4443	0.0021	25 9 30.9	0.266	0.356	86.1	673 1716	25 3438
8683	7.7	3 3.44	2.3066	0.0022	29 48 5.7	0.268	0.336	79.9	225 581 928 1008	29 3186
8684	8.6	3 4.53	2.3418	0.0022	28 39 5.9	0.269	0.341	78.6	113 1000	28 2929
8685	8.2	3 26.09	2.3106	0.0022	29 40 26.9	0.301	0.337	83.1	922 1005	29 3187
8686	7.3	18 3 46.64	+2.4504	+0.0021	+24 56 51.5	+0.331	+0.357	79.6	222 670 673 1104	24 3342
8687	8.0	3 46.83	2.3925	0.0021	26 57 14.1	0.331	0.348	79.6	665 666	26 3181
8688	9.1	3 49.21	2.4429	0.0021	25 12 48.7	0.334	0.356	82.8	770 925 999 1103	25 3440
8689	9.0	4 0.18	2.4499	0.0021	24 57 55.9	0.350	0.357	83.3	222 926 997 1715	24 3344
8690	9.4	4 21.92	2.4033	0.0021	26 35 9.8	0.382	0.350	80.1	478 928	26 3182
8691	9.1	18 4 31.00	+2.3930	+0.0021	+26 56 8.4	+0.395	+0.348	82.2	5 obs.[2]	26 3184
8692	7.2	4 32.76	2.3027	0.0021	29 55 42.0	0.398	0.335	77.6	224 581 584 588	29 3190
8693	8.8	4 54.32	2.3018	0.0021	29 57 33.1	0.429	0.335	76.9	6 obs.[3]	29 3192
8694	9.4	4 58.22	2.3955	0.0021	26 51 14.0	0.435	0.349	78.6	120 997	26 3185
8695	9.2	5 9.69	2.3412	0.0021	28 40 44.6	0.452	0.341	83.1	121 1717	— —
8696	8.5	18 5 9.78	+2.4464	+0.0021	+25 5 32.7	+0.452	+0.357	75.6	122 214 583	25 3443
8697	9.2	5 12.68	2.4527	0.0021	24 52 13.4	0.456	0.358	80.3	231 770 928 999	24 3353
8698	9.3	5 13.28	2.3349	0.0021	28 52 59.5	0.457	0.341	85.6	1202	28 2934*
8699	9.5	5 15.87	2.3155	0.0021	29 31 0.4	0.461	0.337	73.6	123	— —
8700	9.0	5 18.96	2.3149	0.0021	29 32 16.5	0.465	0.337	75.6	123 225 584	29 3193

[1] Z. 114 475 665 850 923 [2] Z. 592 922 923 1000 1006 [3] Z. 117 224 225 588 591 850

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8701	9.0	18h 5m 25.54	+2.4234	+0.0021	+25° 53' 43.3	+0.475	+0.354	80.6	670 673 776 925	25° 3447
8702	9.0	5 25.95	2.3488	0.0021	28 25 24.1	0.475	0.342	75.4	7 obs.	28 2935
8703	9.5	5 28.46	2.4291	0.0021	25 41 48.6	0.479	0.354	83.1	926 1000	25 3448
8704	9.1	5 31.53	2.3070	0.0021	29 47 36.0	0.483	0.336	84.9	1103 1109 1203	29 3194*
8705	9.5	5 36.36	2.3956	0.0021	26 51 11.3	0.491	0.349	74.5	215	26 3186*
8706	8.2	18 5 43.04	+2.3297	+0.0021	+29 3 17.4	+0.500	+0.340	77.3	230 581 591	29 3195
8707	8.5	5 53.40	2.3630	0.0021	27 57 9.2	0.515	0.344	77.4	7 obs.	27 2969
8708	9.3	5 55.60	2.3876	0.0021	27 7 36.1	0.519	0.347	85.6	927 1467	27 2968
8709	7.6	6 3.13	2.4017	0.0021	26 38 38.9	0.530	0.350	75.5	8 obs.	26 3187
8710	9.4	6 4.21	2.3045	0.0021	29 52 27.2	0.531	0.336	87.6	1393	29 3196*
8711	8.4	18 6 9.56	+2.4501	+0.0020	+24 57 48.9	+0.539	+0.357	76.6	222 583	24 3355
8712	8.3	6 15.79	2.4406	0.0020	25 17 41.1	0.548	0.356	86.1	673 1719	25 3452
8713	7.2	6 27.68	2.4339	0.0020	25 31 59.7	0.565	0.355	79.3	231 776 931	25 3453
8714	7.7	6 35.33	2.3118	0.0021	29 38 35.8	0.576	0.337	77.6	225 582 588 591	29 3199
8715	7.3	6 35.49	2.3043	0.0021	29 52 57.6	0.576	0.336	78.1	117 224 581 1208	29 3198
8716	7.7	18 6 39.57	+2.2976	+0.0021	+30 5 49.6	+0.583	+0.335	80.1	230 677 925 997	30 3144
8717	8.5	6 40.73	2.4391	0.0020	25 21 3.2	0.584	0.356	79.3	214 670 770 924	25 3455
8718	8.9	6 42.28	2.3530	0.0021	28 17 26.0	0.587	0.343	75.2	6 217 579	28 2939
8719	9.0	6 44.44	2.3356	0.0021	28 51 58.1	0.590	0.341	79.2	5 obs.[1]	28 2941
8720	9.0	6 45.65	2.3679	0.0021	27 47 37.6	0.592	0.345	76.0	5 obs.[2]	27 2974
8721	8.8	18 6 47.25	+2.3807	+0.0021	+27 21 32.4	+0.594	+0.347	77.4	9 585 592 672	27 2975
8722	9.2	6 47.53	2.3421	0.0021	28 38 56.2	0.594	0.341	80.3	300 923 926	28 2942
8723	9.2	6 56.94	2.3554	0.0021	28 12 41.4	0.608	0.343	84.9	1107 1108 1202	28 2943*
8724	9.3	7 0.15	2.3076	0.0021	29 46 46.8	0.613	0.336	82.6	224 1579	— —
8725	9.3	7 1.16	2.3472	0.0021	28 29 1.1	0.614	0.342	75.5	113 217 580	28 2944
8726	9.1	18 7 7.61	+2.4362	+0.0020	+25 27 15.8	+0.623	+0.355	84.6	1104 1110	25 3456*
8727	8.1[3]	7 9.80	2.3733	0.0021	27 36 50.1	0.627	0.346	76.9	6 obs.[4]	27 2977
8728	9.4	7 11.12	2.3409	0.0021	28 41 30.0	0.629	0.341	77.6	233 770	28 2946
8729	8.2	7 15.88	2.3105	0.0021	29 41 12.7	0.636	0.337	75.3	117 123 581	29 3203
8730	9.3	7 22.64	2.4510	0.0020	24 56 8.8	0.645	0.357	78.3	122 222 925 927	24 3357*
8731	9.3	18 7 40.61	+2.3474	+0.0021	+28 28 46.9	+0.672	+0.342	75.6	113 232 588	28 2951
8732	8.0	7 48.83	2.4316	0.0020	25 37 0.4	0.684	0.354	80.4	122 666 670 1468	25 3461
8733	9.2	7 49.46	2.3599	0.0021	28 3 50.5	0.685	0.344	80.4	6 obs.[5]	28 2952*
8734	8.1	8 0.49	2.4419	0.0020	25 15 26.2	0.701	0.356	80.8	5 obs.[6]	25 3463
8735	9.2	8 0.94	2.2959	0.0021	30 9 21.8	0.701	0.334	75.6	117 225 584	30 3148
8736	9.1	18 8 1.05	+2.3610	+0.0021	+28 1 30.7	+0.701	+0.344	79.3	6 obs.[7]	28 2954
8737	8.2	8 4.96	2.3551	0.0021	28 13 18.6	0.707	0.343	83.1	113 1722	28 2955
8738	9.5	8 6.21	2.3403	0.0021	28 42 44.8	0.709	0.340	73.6	121	— —
8739	8.2	8 7.79	2.3555	0.0021	28 12 39.4	0.711	0.343	90.6	1465 1723	28 2956
8740	9.0	8 14.33	2.4071	0.0020	26 27 53.0	0.721	0.350	74.6	120 215 236 302	26 3192
8741	9.2	18 8 23.00	+2.4135	+0.0020	+26 14 49.7	+0.733	+0.351	75.3	223 229 401	26 3194
8742	7.6	8 24.86	2.4145	0.0020	26 12 44.1	0.736	0.351	75.6	223 229 478	26 3195
8743	9.3	8 30.00	2.4133	0.0020	26 15 8.3	0.744	0.351	76.6	401	26 3197*
8744	8.3	8 39.16	2.4335	0.0020	25 33 9.5	0.757	0.354	79.8	222 666 923 927	25 3464
8745	9.0	8 42.03	2.3070	0.0021	29 48 17.7	0.761	0.336	76.1	123 581	29 3204
8746	9.0	18 8 47.07	+2.3153	+0.0021	+29 32 6.7	+0.768	+0.337	79.6	230 584 926 929	29 3205
8747	9.1	8 48.78	2.4039	0.0020	26 34 38.2	0.771	0.350	85.9	1105 1204 1206 1399	26 3198*
8748	9.4	8 52.73	2.3078	0.0021	29 46 50.3	0.777	0.336	73.9	117 123 225	29 3206
8749	8.1	8 54.55	2.3997	0.0020	26 43 19.2	0.779	0.349	75.0	5 obs.[8]	26 3199
8750	9.2	8 56.57	2.2994	0.0021	30 3 3.1	0.782	0.335	84.6	850 1390	30 3151*

[1] Z. 227 236 850 922 928
[2] » 216 226 299 303 668
[3] Very close double; middle
[4] Z. 114 216 226 668 672 674
[5] » 6 217 850 1103 1109 1111
[6] » 231 583 673 922 1466
[7] Z. 232 300 672 770 924 928
[8] » 120 215 221 302 396

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
8751	9.5	18h 9m 2.47	+2.3367	+0.0020	+28° 50′ 12.6	+0.791	+0.340	74.1	121 232	28° 2959
8752	9.0	9 5.44	2.4413	0.0020	25 16 59.7	0.795	0.356	74.6	214 222 231	25 3465
8753	6.8	9 13.10	2.3565	0.0020	28 10 55.6	0.806	0.343	76.7	9 obs.	28 2960
8754	9.3	9 22.23	2.3138	0.0021	29 35 18.5	0.820	0.337	80.6	224 924 928 931	29 3211
8755	9.3	9 23.85	2.2972	0.0021	30 7 16.6	0.822	0.334	86.3	927 1393 1467	30 3152*
8756	9.3	18 9 37.73	+2.3695	+0.0020	+27 44 57.6	+0.842	+0.345	75.3	9 226 299 585	27 2982
8757	9.0	9 50.33	2.4514	0.0019	24 55 47.1	0.861	0.357	80.4	583 670 776 929	24 3370
8758	7.0	9 52.81	2.3264	0.0020	29 10 41.7	0.864	0.338	75.6	224 230 480	29 3213
8759	9.2	9 54.58	2.3177	0.0020	29 27 49.1	0.867	0.337	79.6	581 588 591 923	29 3214
8760	9.5	10 0.50	2.4202	0.0020	26 1 19.0	0.876	0.352	75.4	215 228 229 478	26 3202
8761	9.4	18 10 2.79	+2.3651	+0.0020	+27 53 50.0	+0.879	+0.344	78.2	216 475 922	27 2986
8762	9.0	10 6.67	2.3203	0.0020	29 22 40.1	0.884	0.337	82.6	924 925	29 3215
8763	9.5	10 11.36	2.4217	0.0020	25 58 8.1	0.891	0.352	79.9	214 926 928	25 3470
8764	9.1	10 16.30	2.3420	0.0020	28 40 4.2	0.899	0.341	85.4	5 obs.[1]	28 2963*
8765	9.0	10 16.81	2.3294	0.0020	29 5 0.1	0.899	0.339	79.9	584 588 923	29 3216
8766	9.1	18 10 17.77	+2.3748	+0.0020	+27 34 24.3	+0.901	+0.346	77.9	226 667 668	27 2987
8767	9.1	10 21.71	2.3083	0.0020	29 46 3.8	0.906	0.336	84.6	1103 1107	29 3217*
8768	9.1	10 31.87	2.4407	0.0019	25 18 36.3	0.921	0.355	84.6	1108	25 3473*
8769	9.4	10 32.56	2.4418	0.0019	25 16 9.6	0.922	0.355	84.5	1104	25 3474*
8770	9.2	10 32.82	2.3373	0.0020	28 49 20.2	0.923	0.340	84.6	1105 1109	28 2966*
8771	9.3	18 10 33.46	+2.4197	+0.0020	+26 2 24.6	+0.924	+0.352	78.0	120 401 997	26 3205*
8772	8.0	10 39.38	2.3874	0.0020	27 8 50.5	0.932	0.347	75.6	9 216 303 668	27 2988
8773	8.3	10 42.27	2.4280	0.0020	25 45 13.4	0.936	0.353	75.6	122 222 583	25 3475
8774	9.5	10 45.23	2.4199	0.0020	26 1 59.7	0.941	0.352	74.6	223	— —
8775	9.5	10 49.85	2.2977	0.0020	30 6 53.4	0.947	0.335	77.1	117 225 581 850	30 3160
8776	9.2	18 11 10.75	+2.3551	+0.0020	+28 14 13.5	+0.978	+0.343	85.3	927 1207 1399	28 2970*
8777	9.3	11 12.08	2.3140	0.0020	29 35 17.5	0.980	0.337	76.2	224 298 584	29 3222
8778	8.1	11 20.38	2.3583	0.0020	28 7 57.4	0.992	0.343	74.1	6 113 227 300	28 2971
8779	9.4	11 22.57	2.3057	0.0020	29 51 28.5	0.995	0.336	77.0	230 480 588	29 3223
8780	9.4	11 24.23	2.3279	0.0020	29 8 9.5	0.997	0.338	79.6	123 922 924	29 3225
8781	9.3	18 11 28.97	+2.3639	+0.0020	+27 56 52.1	+1.004	+0.344	74.9	216 238 299	27 2990
8782	9.5	11 31.00	2.3212	0.0020	29 21 27.1	1.007	0.338	78.5	582	— —
8783	8.2	11 45.72	2.3904	0.0020	27 3 14.5	1.029	0.348	75.6	9 226 303 668	27 2991
8784	8.8	11 45.77	2.2969	0.0020	30 8 36.1	1.029	0.334	85.3	1103 1104 1110 1393	30 3168
8785	8.7	11 56.27	2.3998	0.0020	26 43 55.2	1.044	0.349	76.3	6 obs.[2]	26 3209
8786	9.1	18 12 5.28	+2.4160	+0.0019	+26 10 40.8	+1.057	+0.351	84.3	850 927 1467	26 3210*
8787	9.3	12 8.70	2.4505	0.0019	24 58 18.2	1.062	0.356	75.6	122 214 583	24 3374*
8788	8.7	12 13.65	2.3148	0.0020	29 34 10.6	1.069	0.337	78.4	224 225 293 1468	29 3226
8789	9.3	12 23.39	2.4507	0.0019	24 58 4.0	1.084	0.356	74.5	214	— —
8790	9.3	12 24.60	2.3593	0.0020	28 6 17.8	1.085	0.343	74.2	5 obs.[3]	28 2974
8791	9.3	18 12 26.00	+2.4208	+0.0019	+26 0 37.3	+1.087	+0.352	87.6	929 1723	— —
8792	8.9	12 28.26	2.4197	0.0019	26 2 56.9	1.091	0.352	76.1	6 obs.[4]	26 3212
8793	9.5	12 34.07	2.3183	0.0020	29 27 33.1	1.099	0.337	73.6	123	— —
8794	9.4	12 37.23	2.3168	0.0020	29 30 26.3	1.104	0.337	83.1	117 1717	29 3227
8795	8.9	12 40.63	2.3725	0.0020	27 39 45.4	1.109	0.345	74.9	9 238 475	27 2994
8796	9.5	18 12 43.06	+2.3178	+0.0020	+29 28 14.4	+1.112	+0.337	73.6	123	— —
8797	9.0	12 46.34	2.4032	0.0019	26 37 16.1	1.117	0.350	76.0	5 obs.[5]	26 3215
8798	9.4	12 51.17	2.3000	0.0020	30 3 0.8	1.124	0.335	81.8	5 obs.[6]	30 3172
8799	9.0	13 7.30	2.3175	0.0020	29 29 10.6	1.148	0.337	76.1	225 480	29 3229
8800	9.0	13 8.96	2.3230	0.0020	29 18 26.4	1.150	0.338	75.9	224 230 584	29 3230

[1] Z. 121 1203 1465 1466 1579
[2] » 120 232 396 401 478 592
[3] Z. 6 113 227 232 300
[4] » 120 215 223 229 401 929
[5] Z. 215 223 232 478 592
[6] » 230 581 588 1465 1466

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8801	9.1	18h 13m 13s.47	+2s.3430	+0s.0020	+28° 39′ 3″.2	+1″.157	+0″.340	74.3	121 227 232	28° 2976
8802	8.5	13 14.08	2.4418	0.0019	25 16 55.6	1.157	0.355	83.1	115 1715	25 3481
8803	9.5	13 22.58	2.4295	0.0019	25 42 46.3	1.170	0.353	90.6	1579	25 3483*
8804	9.3	13 26.00	2.4286	0.0019	25 44 41.3	1.175	0.353	74.5	214 219	— —
8805	9.1	13 28.88	2.3896	0.0019	27 5 8.6	1.179	0.348	84.3	927 1104 1207	27 2995
8806	9.4	18 13 32.34	+2.3695	+0.0019	+27 46 11.1	+1.184	+0.344	79.6	665	27 2996*
8807	8.7	13 40.62	2.4386	0.0019	25 23 52.3	1.196	0.354	75.9	222 231 583	25 3485
8808	9.2	13 50.60	2.4422	0.0019	25 16 21.8	1.211	0.355	82.6	122 1103 1105 1395	25 3486*
8809	8.7	13 52.55	2.3874	0.0019	27 9 59.8	1.213	0.347	76.1	216 238 303 668	27 2997
8810	9.5	14 1.81	2.3229	0.0019	29 18 56.4	1.227	0.338	73.6	119	29 3233*
8811	9.5	18 14 7.52	+2.3374	+0.0019	+28 50 32.6	+1.235	+0.340	73.5	113	— —
8812	8.9	14 18.53	2.3163	0.0020	29 32 3.3	1.251	0.337	78.2	5 obs.[1]	29 3234
8813	9.5	14 22.04	2.4236	0.0019	25 55 37.1	1.256	0.352	84.6	850 1390	25 3489
8814	9.1	14 30.46	2.4511	0.0019	24 57 56.4	1.269	0.356	84.7	1107 1108 1113	24 3384
8815	9.1	14 32.47	2.3572	0.0019	28 11 7.9	1.272	0.342	85.3	927 1203 1394	28 2978*
8816	9.4	18 14 32.89	+2.3689	+0.0019	+27 47 47.3	+1.272	+0.344	75.9	9 299 668	27 2999
8817	9.1[2]	14 38.00	2.3061	0.0020	29 52 1.0	1.280	0.335	85.7	1109 1110 1399	29 3235*
8818	8.2	14 38.37	2.3794	0.0019	27 26 39.6	1.280	0.346	75.1	226 303	27 3000
8819	9.0	14 40.51	2.4290	0.0019	25 44 29.7	1.283	0.353	73.6	115 122	25 3491
8820	8.9	14 42.77	2.3402	0.0019	28 45 12.7	1.287	0.340	75.8	5 obs.[3]	28 2979
8821	9.0	18 14 47.17	+2.3658	+0.0019	+27 54 10.9	+1.293	+0.343	77.3	238 475 667	27 3001
8822	8.2[4]	15 2.15	2.4366	0.0019	25 28 39.1	1.315	0.354	75.6	115 231 583	25 3493
8823	6.5	15 2.67	2.3140	0.0020	29 36 47.8	1.316	0.336	76.2	5 obs.[5]	29 3236
8824	8.4	15 6.43	2.4084	0.0019	26 27 17.5	1.321	0.350	74.9	6 obs.[6]	26 3219
8825	8.2	15 14.13	2.3208	0.0019	29 23 38.1	1.332	0.337	75.9	224 225 584	29 3237
8826	9.2	18 15 16.29	+2.3318	+0.0019	+29 2 8.4	+1.336	+0.339	80.3	224 480 1465	29 3238
8827	9.0	15 16.42	2.3228	0.0019	29 19 45.0	1.336	0.337	81.3	230 1104 1111	29 3239
8828	9.1	15 31.14	2.3740	0.0019	27 37 44.3	1.357	0.345	83.9	850 1105 1207	27 3002*
8829	7.0	15 33.28	2.3350	0.0019	28 55 44.5	1.360	0.339	76.4	5 obs.[7]	28 2980
8830	9.1	15 46.81	2.4158	0.0019	26 12 21.6	1.380	0.351	85.3	927 1103 1466	26 3221*
8831	7.0	18 15 51.27	+2.3788	+0.0019	+27 28 17.0	+1.386	+0.346	75.3	9 216 299 592	27 3003
8832	9.1	15 58.47	2.3102	0.0019	29 44 39.2	1.397	0.335	82.6	922 931	29 3240
8833	5.8	16 8.26	2.3085	0.0019	29 48 2.1	1.411	0.335	76.0	123 298 591	29 3241
8834	5.0	16 8.63	2.3387	0.0019	28 48 42.5	1.411	0.340	74.0	6 113(2) 232 300	28 2981
8835	8.5	16 14.60	2.3548	0.0019	28 16 39.2	1.420	0.342	79.3	121 227 580 1579	28 2982
8836	8.4	18 16 15.31	+2.4030	+0.0019	+26 38 59.0	+1.421	+0.349	75.8	6 obs.[8]	26 3222
8837	8.9	16 19.27	2.3246	0.0019	29 16 37.2	1.427	0.338	76.6	230 584	29 3242
8838	7.5	16 21.30	2.4504	0.0018	24 59 57.4	1.430	0.356	78.1	122 924	24 3395
8839	9.0	16 28.10	2.4220	0.0019	25 59 48.9	1.440	0.352	83.3	928 929 1113	25 3501
8840	8.5	16 29.05	2.3425	0.0019	28 41 29.3	1.441	0.340	79.9	227 924 928	28 2983
8841	9.0	18 16 33.91	+2.3705	+0.0019	+27 45 30.7	+1.448	+0.344	78.9	475 667 668	27 3005
8842	9.4	16 44.49	2.3971	0.0019	26 51 20.1	1.464	0.348	87.6	931 1723	26 3224
8843	8.7	16 57.40	2.3272	0.0019	29 11 47.5	1.482	0.338	82.6	922 928 936	29 3244
8844	8.0	17 11.17	2.3029	0.0019	29 59 9.4	1.502	0.334	78.6	6 obs.[9]	29 3245
8845	9.5	17 21.65	2.3359	0.0019	28 54 50.5	1.518	0.339	74.9	6 121 580	28 2984
8846	9.0	18 17 25.69	+2.3780	+0.0019	+27 30 39.0	+1.524	+0.345	74.5	216	— —
8847	8.9	17 36.39	2.4000	0.0018	26 45 45.2	1.539	0.348	81.0	5 obs.[10]	26 3229
8848	9.1	17 36.97	2.3618	0.0018	28 3 32.5	1.540	0.343	84.6	1104 1108	28 2985*
8849	8.7	17 40.04	2.4174	0.0018	26 9 52.2	1.544	0.351	82.6	592 1103 1105	26 3230
8850	9.0	17 41.28	2.4122	0.0018	26 20 32.8	1.546	0.350	83.6	215 1725	26 3231

[1] Z. 225 230 298 480 1467
[2] Double; north preceding
[3] Z. 6 121 300 588 591
[4] Double; south following
[5] Z. 117 123 298 588 677
[6] » 120 215 223 236 306 401
[7] » 121 227 300 591 674
[8] Z. 120 229 236 306 401 478
[9] » 224 225 230 929 931 934
[10] » 120 401 478 1110 1724

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8851	9.3	18h 17m 43.58	+2.4425	+0.0018	+25° 17′ 21.8	+1.550	+0.355	93.5	1833 1834	25° 3504
8852	9.5	17 43.75	2.4226	0.0018	25 59 9.7	1.550	0.352	87.2	219 1836 1838	25 3505
8853	9.0	17 45.88	2.3026	0.0019	30 0 6.6	1.553	0.334	83.6	850 1206	30 3187
8854	8.7	17 53.77	2.3797	0.0018	27 27 22.5	1.564	0.345	76.0	5 obs.[1]	27 3007
8855	9.2	17 59.89	2.2992	0.0019	30 6 51.7	1.573	0.333	82.6	927	30 3188*
8856	8.8	18 18 12.17	+2.3010	+0.0019	+30 3 32.6	+1.591	+0.334	89.2	1207 1726	30 3190
8857	8.1	18 14.13	2.3243	0.0019	29 18 9.9	1.594	0.337	78.6	225 591 924	29 3247
8858	8.7	18 20.14	2.4242	0.0018	25 56 0.4	1.603	0.352	88.3	1113 1394 1727	25 3509
8859	9.1	18 22.44	2.3283	0.0019	29 10 27.4	1.606	0.338	87.6	922 1732	29 3248
8860	8.8	18 22.54	2.4119	0.0018	26 21 35.6	1.606	0.350	78.6	120 215 1399	26 3233
8861	9.3	18 18 22.69	+2.3797	+0.0018	+27 27 36.1	+1.606	+0.345	77.1	216 665	27 3008
8862	8.7	18 29.73	2.4365	0.0018	25 30 10.6	1.617	0.354	92.6	1722 1724	25 3510
8863	8.2	18 31.03	2.3802	0.0018	27 26 41.4	1.619	0.345	75.9	216 299 475	27 3010
8864	9.0	18 33.82	2.3312	0.0019	29 4 46.5	1.623	0.338	87.7	936 1729	29 3251
8865	9.2	18 45.99	2.3324	0.0019	29 2 22.2	1.640	0.338	78.6	224 928	29 3252
8866	9.3	18 18 50.23	+2.3617	+0.0018	+28 4 14.7	+1.646	+0.343	77.6	227 300 927	28 2989
8867	9.2	18 52.06	2.4417	0.0018	25 19 35.2	1.649	0.354	78.1	219 850	25 3512
8868	9.5	18 56.06	2.3712	0.0018	27 45 3.7	1.655	0.344	72.6	8	27 3011*
8869	9.5	19 8.29	2.3994	0.0018	26 47 43.6	1.673	0.348	86.1	592 1831	26 3237
8870	8.1	19 12.68	2.4148	0.0018	26 15 54.6	1.679	0.350	83.1	215 929 935 1726	26 3238
8871	9.0	18 19 15.37	+2.3567	+0.0018	+28 14 20.7	+1.683	+0.342	76.1	6 121 300 922	28 2992
8872	8.9	19 16.93	2.3572	0.0018	28 13 24.0	1.685	0.342	80.4	121 922 924 936	28 2993
8873	9.0	19 17.37	2.3719	0.0018	27 43 52.2	1.686	0.344	73.6	9 238	27 3013
8874	9.1	19 21.95	2.3309	0.0019	29 5 46.4	1.693	0.338	75.9	224 225 591	29 3253
8875	9.2	19 23.79	2.3725	0.0018	27 42 43.6	1.695	0.344	92.6	1723 1732	27 3014
8876	8.9	18 19 24.69	+2.4382	+0.0018	+25 27 13.3	+1.697	+0.354	81.6	214 928 1104 1108	25 3515
8877	9.2	19 47.54	2.4148	0.0018	26 16 16.9	1.730	0.350	80.3	215 931 1001	26 3243
8878	9.1	19 48.37	2.4363	0.0018	25 31 25.1	1.731	0.353	84.6	1103 1109	25 3517*
8879	9.0	19 59.50	2.3772	0.0018	27 33 32.2	1.747	0.345	79.6	665 668	27 3015
8880	6.5	20 0.38	2.3840	0.0018	27 19 36.8	1.748	0.346	78.6	475 592 667	27 3016
8881	9.1	18 20 3.86	+2.3673	+0.0018	+27 53 24.9	+1.753	+0.343	84.1	299 1719	27 3017*
8882	9.1[2]	20 8.12	2.3985	0.0018	26 49 59.7	1.760	0.348	85.2	1110 1206	26 3245*
8883	9.0	20 10.05	2.4037	0.0018	26 39 26.6	1.762	0.348	84.0	927 1111 1113	26 3246
8884	9.2	20 12.60	2.3774	0.0018	27 33 4.3	1.766	0.345	83.6	997	— —
8885	9.1	20 12.77	2.4356	0.0018	25 33 0.9	1.766	0.353	77.1	214 673	25 3518
8886	9.4	18 20 14.98	+2.4491	+0.0018	+25 4 34.1	+1.770	+0.355	74.1	122 219	25 3519
8887	8.1	20 17.83	2.4223	0.0018	26 0 54.9	1.774	0.351	78.3	7 obs.	26 3247
8888	8.0	20 24.91	2.3638	0.0018	28 0 48.2	1.784	0.343	77.6	227 398 672 677	28 2996
8889	8.0	20 25.26	2.4247	0.0018	25 55 54.1	1.785	0.351	79.2	5 obs.[3]	25 3520
8890	9.0	20 29.16	2.4226	0.0018	26 0 22.3	1.790	0.351	83.1	120 1722	25 3521
8891	9.4	18 20 29.20	+2.3673	+0.0018	+27 53 48.2	+1.790	+0.343	77.1	238 668	27 3018[4]
8892	9.1	20 33.84	2.3073	0.0018	29 52 44.5	1.797	0.335	76.0	225 230 588	29 3254
8893	9.3	20 37.03	2.4517	0.0017	24 59 11.4	1.802	0.355	85.7	1207	24 3414*
8894	8.1	20 37.35	2.3756	0.0018	27 37 11.3	1.802	0.344	79.0	6 obs.[5]	27 3019
8895	9.5	20 42.78	2.3311	0.0018	29 6 15.5	1.810	0.338	80.2	5 obs.[6]	29 3255
8896	8.8	18 20 43.35	+2.4059	+0.0018	+26 35 11.9	+1.811	+0.349	76.0	223 306 483	26 3250
8897	9.0	20 49.58	2.3933	0.0018	27 1 10.9	1.820	0.347	83.0	116 1395 1396	27 3020
8898	8.2	20 56.39	2.3240	0.0018	29 20 12.0	1.830	0.337	78.1	117 584 591 850	29 3257
8899	9.2	20 57.22	2.3034	0.0018	30 0 21.7	1.831	0.334	87.0	1108 1399 1465	30 3201*
8900	9.5	21 2.53	2.4242	0.0018	25 57 24.1	1.839	0.351	77.1	115 778	25 3522*

[1] Z. 8 9 299 665 668
[2] Close double; south
[3] Z. 222 231 857 935 936
[4] BD and BB VI α 10^s less
[5] Z. 8 9 226 674 1306 1394
[6] » 224 591 924 928 929

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8901	9.5	18h 21m 8.59	+2.3705	+0.0018	+27° 47′ 39.6	+1.847	+0.343	83.6	235 1727	27° 3021*
8902	8.7	21 9.16	2.4006	0.0018	26 46 25.5	1.848	0.348	77.1	236 306 585 670	26 3253
8903	6.0	21 9.54	2.3111	0.0018	29 45 29.6	1.849	0.335	75.0	5 obs.[1]	29 3259
8904	9.0	21 11.94	2.4471	0.0017	25 9 16.2	1.852	0.354	80.4	583 673 776 934	25 3524
8905	8.9	21 12.34	2.4269	0.0018	25 51 43.2	1.853	0.352	88.1	1008 1724	25 3525
8906	7.0	18 21 17.22	+2.4185	+0.0018	+26 9 20.5	+1.860	+0.350	76.1	229 478	26 3255
8907	9.5	21 19.39	2.4349	0.0018	25 35 9.6	1.863	0.353	83.1	931 997	25 3526
8908	8.2	21 25.13	2.3610	0.0018	28 7 4.2	1.871	0.341	79.5	7 obs.	28 3000
8909	9.0	21 27.02	2.4158	0.0018	26 15 7.9	1.874	0.350	76.6	215 478 483	26 3256
8910	6.3	21 27.66	2.4119	0.0018	26 23 18.1	1.875	0.349	79.3	223 666 1011	26 3257
8911	8.5	18 21 30.79	+2.3861	+0.0018	+27 16 18.2	+1.880	+0.346	77.6	216 592 665	27 3023
8912	9.2	21 34.91	2.3855	0.0018	27 17 37.9	1.886	0.346	76.8	216 299 585 592	27 3024
8913	6.5	21 39.27	2.4123	0.0017	26 22 34.0	1.892	0.349	80.3	6 obs.[2]	26 3259
8914	8.9	21 40.36	2.4260	0.0017	25 54 1.9	1.894	0.351	79.1	122 1105	25 3527
8915	9.2	21 41.36	2.3682	0.0018	27 52 37.7	1.895	0.343	85.2	1109 1206	27 3025*
8916	9.3	18 21 43.34	+2.4120	+0.0017	+26 23 3.7	+1.898	+0.349	79.6	396 922	26 3260
8917	9.2	21 46.90	2.4537	0.0017	24 55 37.1	1.903	0.355	85.7	1208	24 3419*
8918	9.0	21 50.05	2.3063	0.0018	29 55 21.9	1.908	0.334	75.3	125 230 480	29 3261
8919	9.5	21 53.26	2.4329	0.0017	25 39 34.4	1.912	0.352	88.7	1467	— —
8920	8.6	21 55.96	2.4290	0.0017	25 47 48.2	1.916	0.352	77.3	214 219 583 850	25 3528
8921	9.0	18 21 58.28	+2.4281	+0.0017	+25 49 51.1	+1.920	+0.352	76.3	118 214 219 924	25 3529
8922	9.0	22 1.33	2.4295	0.0017	25 46 45.1	1.924	0.352	78.1	115 929	25 3530
8923	9.1	22 10.54	2.4130	0.0017	26 21 10.2	1.937	0.350	81.6	777 927	26 3264
8924	9.0	22 19.53	2.3585	0.0018	28 12 33.1	1.950	0.341	88.6	1110 1723	— —
8925	8.9	22 21.33	2.3188	0.0018	29 31 17.7	1.953	0.336	75.4	5 obs.[3]	29 3262
8926	9.0	18 22 22.02	+2.4548	+0.0017	+24 53 43.6	+1.954	+0.355	76.3	222 231 673	24 3421
8927	9.0	22 22.41	2.3595	0.0018	28 10 37.6	1.955	0.341	85.7	1207	28 3001
8928	9.4	22 23.78	2.3747	0.0018	27 39 55.8	1.957	0.344	81.6	8 667 1726	27 3027[4]
8929	8.6	22 25.04	2.3391	0.0018	28 51 12.7	1.958	0.339	76.9	7 obs.	28 3002
8930	9.2	22 25.30	2.4119	0.0017	26 23 36.6	1.959	0.349	78.0	5 obs.[5]	26 3265
8931	9.1	18 22 29.46	+2.4499	+0.0017	+25 4 4.0	+1.965	+0.355	86.4	1111 1113 1398 1466	25 3533*
8932	9.0	22 31.35	2.3819	0.0018	27 25 19.6	1.968	0.345	83.6	226 1725	27 3029
8933	9.5	22 32.62	2.3753	0.0018	27 38 51.0	1.969	0.344	72.6	9	27 3030*
8934	8.6	22 40.27	2.4372	0.0017	25 31 3.5	1.981	0.353	79.1	5 obs.[6]	25 3535
8935	9.5	22 49.59	2.4201	0.0017	26 6 55.5	1.994	0.350	73.6	116 120	26 3266
8936	9.1	18 22 59.32	+2.3449	+0.0018	+28 40 10.2	+2.008	+0.339	84.6	850 1108 1394	28 3003*
8937	9.0	23 0.02	2.4030	0.0018	26 42 25.7	2.009	0.348	82.1	221 306 1399 1579	26 3267
8938	9.1	23 1.94	2.4057	0.0018	26 36 54.6	2.012	0.349	77.3	229 478 665	26 3268
8939	9.1	23 1.99	2.3930	0.0018	27 2 58.2	2.012	0.347	76.1	216 238 299 674	27 3032
8940	8.7	23 9.34	2.4019	0.0018	26 44 46.5	2.023	0.348	77.2	236 670	26 3269
8941	9.0	18 23 12.69	+2.3495	+0.0018	+28 31 9.1	+2.028	+0.340	76.3	6 obs.[7]	28 3004
8942	8 6	23 29.01	2.4145	0.0017	26 18 46.4	2.051	0.350	80.0	120 223 1467	26 3271
8943	8.9	23 31.86	2.3380	0.0018	28 54 12.4	2.055	0.338	76.4	121 300 476 588	28 3005
8944	8.5	23 33.10	2.3060	0.0018	29 56 52.0	2.057	0.333	75.6	7 obs.[8]	29 3264
8945	8.9	23 43.54	2.3014	0.0018	30 5 56.3	2.072	0.333	78.6	224 230 399 1468	30 3211
8946	9.5	18 23 48.64	+2.4150	+0.0017	+26 18 8.8	+2.080	+0.349	73.6	116	— —
8947	9.2	23 48.94	2.3437	0.0018	28 43 1.3	2.080	0.339	86.1	1105 1109 1395 1396	28 3006*
8948	9.2	23 50.30	2.3424	0.0018	28 45 39.6	2.082	0.339	85.7	1205 1206	28 3007*
8949	9.0	23 56.92	2.3238	0.0018	29 22 29.9	2.092	0.336	75.3	117 241 480	29 3267
8950	9.1	23 57.50	2.4408	0.0017	25 24 4.3	2.093	0.353	79.0	5 obs.[9]	25 3537

[1] Z. 123 224 225 298 399
[2] » 306 666 670 776 922 1009
[3] » 117 123 241 399 588
[4] BD and BB VI α 10^s less
[5] Z. 223 236 483 778 934
[6] » 122 242 855 928 936
[7] Z. 6 227 232 398 669 672
[8] » 123 125 225 237 298 584 (2)
[9] » 115 222 777 929 1008

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
8951	9.1	18h 24m 2.66	+2.3156	+0.0018	+29° 38′ 42.0	+2.100	+0.335	85.7	1207 1208 1209	29° 3268*
8952	9.3	24 5.55	2.3240	0.0018	29 22 8.3	2.104	0.336	75.6	117 480	— —
8953	9.0	24 8.56	2.3399	0.0018	28 50 55.9	2.109	0.339	76.6	7 obs.	28 3008
8954	9.0	24 9.39	2.4278	0.0017	25 51 28.1	2.110	0.352	75.9	118 231 319 673	25 3538
8955	9.3	24 15.88	2.4147	0.0017	26 19 7.4	2.119	0.349	94.6	1729 1958 1963	26 3274
8956	9.2	18 24 17.42	+2.3819	+0.0017	+27 26 35.4	+2.121	+0.344	79.3	9 235 1582	27 3036*
8957	9.0	24 18.76	2.4197	0.0017	26 8 46.4	2.123	0.350	81.1	8 obs.	26 3275
8958	6.8	24 21.28	2.3210	0.0018	29 28 15.9	2.127	0.336	74.3	123 224 230	29 3269
8959	9.3	24 21.46	2.4152	0.0017	26 17 58.2	2.127	0.349	76.6	396	26 3276*
8960	8.4	24 21.75	2.3096	0.0018	29 50 31.6	2.128	0.334	74.3	125 225 241	29 3270
8961	9.0	18 24 23.22	+2.3839	+0.0017	+27 22 23.2	+2.130	+0.344	79.9	8 obs.	27 3037
8962	8.8	24 26.99	2.3359	0.0018	28 59 0.0	2.135	0.338	76.0	227 318 476	28 3009
8963	9.2	24 29.27	2.4476	0.0017	25 10 11.9	2.139	0.354	85.3	927 1111 1465	25 3539*
8964	8.6	24 29.90	2.4329	0.0017	25 41 7.3	2.140	0.352	76.2	214 219 670	25 3540
8965	7.9	24 32.32	2.4247	0.0017	25 58 23.3	2.143	0.350	75.6	122 242 583	25 3541
8966	8.7	18 24 32.89	+2.4036	+0.0017	+26 42 14.2	+2.144	+0.347	76.6	215 478 483	26 3277
8967	9.5	24 35.96	2.3356	0.0018	28 59 42.8	2.148	0.338	74.6	227	— —
8968	8.7[1]	24 39.18	2.3097	0.0018	29 50 34.0	2.153	0.334	74.3	125 225 241	29 3271
8969	8.6	24 44.08	2.3080	0.0018	29 53 49.6	2.160	0.334	82.9	399 487 1466 1469	29 3272
8970	9.0	24 46.34	2.3084	0.0018	29 53 9.2	2.163	0.334	77.2	399 487	— —
8971	9.0	18 24 47.47	+2.4268	+0.0017	+25 54 10.7	+2.165	+0.351	86.6	222 1719 1727	25 3542
8972	9.5	24 47.51	2.3245	0.0018	29 21 38.8	2.165	0.336	73.6	123	— —
8973	9.4	24 48.31	2.3787	0.0018	27 33 16.9	2.166	0.344	76.6	238 299 668	27 3038
8974	9.0	24 49.81	2.3534	0.0018	28 24 24.4	2.168	0.340	76.6	5 obs.[2]	28 3011
8975	8.2	24 52.24	2.4074	0.0017	26 34 32.5	2.172	0.348	75.4	236(2) 306 396	26 3279
8976	8.0	18 24 53.68	+2.4331	+0.0017	+25 40 54.6	+2.174	+0.352	74.5	214 219	25 3543
8977	9.2	24 56.01	2.3268	0.0018	29 17 16.7	2.177	0.337	80.1	588 591 777 936	29 3273
8978	9.1	25 0.12	2.4478	0.0017	25 9 59.7	2.183	0.354	85.7	1205	25 3544*
8979	9.2	25 1.14	2.4152	0.0017	26 18 34.1	2.185	0.349	82.4	5 obs.[3]	26 3280*
8980	9.0	25 7.10	2.4160	0.0017	26 16 54.2	2.194	0.349	83.1	120 1724	26 3281
8981	9.0	18 25 11.21	+2.4495	+0.0017	+25 6 27.3	+2.199	+0.354	73.6	115 118	25 3545
8982	9.1	25 16.00	2.3215	0.0018	29 27 53.2	2.206	0.336	79.9	7 obs.	29 3275
8983	9.5	25 16.34	2.3084	0.0018	29 53 23.8	2.207	0.334	85.6	480 1830	29 3276
8984	9.0	25 22.98	2.4462	0.0017	25 13 37.5	2.217	0.354	75.9	222 231 583	25 3547
8985	8.9	25 24.00	2.4038	0.0017	26 42 18.6	2.218	0.347	77.3	7 obs.	26 3282
8986	9.5	18 25 28.35	+2.4149	+0.0017	+26 19 25.3	+2.224	+0.349	92.6	1725	26 3283*
8987	9.5	25 34.19	2.3241	0.0017	29 23 0.4	2.233	0.335	83.1	123 1726	— —
8988	9.3	25 50.62	2.3250	0.0017	29 21 25.3	2.257	0.336	90.6	1579	29 3278
8989	9.0	25 56.38	2.4512	0.0016	25 3 27.1	2.265	0.354	83.1	122 1723	25 3549
8990	8.0	26 3.26	2.4506	0.0016	25 4 35.8	2.275	0.354	76.1	231 242 319 666	25 3551
8991	9.2	18 26 6.17	+2.4478	+0.0016	+25 10 36.5	+2.279	+0.353	85.2	1109 1206	25 3553*
8992	9.2	26 10.80	2.4349	0.0017	25 38 4.2	2.286	0.352	77.1	115 219 673 778	25 3554
8993	7.5	26 10.92	2.3538	0.0017	28 24 30.4	2.286	0.340	75.8	7 obs.	28 3013
8994	9.5	26 18.41	2.3249	0.0017	29 21 58.8	2.297	0.336	73.6	117	— —
8995	8.7	26 21.68	2.3735	0.0017	27 45 6.9	2.302	0.343	75.3	7 obs.	27 3043
8996	8.5	18 26 26.30	+2.4540	+0.0016	+24 57 47.1	+2.308	+0.354	79.4	5 obs.[4]	24 3444
8997	9.2	26 27.99	2.4570	0.0016	24 51 27.2	2.311	0.355	82.1	777 926 928 929	24 3445
8998	9.5	26 35.70	2.3605	0.0017	28 11 17.9	2.322	0.341	74.6	227	— —
8999	9.1	26 36.77	2.3145	0.0017	29 42 33.3	2.323	0.334	85.2	1110 1111 1208 1209	29 3280*
9000	8.8	26 41.12	2.4513	0.0016	25 3 33.2	2.330	0.354	77.4	118 395 666 673	25 3557

[1] Close double; middle [2] Z. 121 300 398 489 669 [3] Z. 120 850 1108 1113 1394 [4] Z. 122 214 670 785 1465

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9001	9.1	18h 26m 43s.65	+2s.3718	+0s.0017	+27° 48′ 45″.0	+2″.333	+0″.343	75.1	216 299	27 3044
9002	9.5	26 45.71	2.3317	0.0017	29 8 47.4	2.336	0.336	74.6	6 obs.[1]	29 3281
9003	9.1	26 47.93	2.3601	0.0017	28 12 18.0	2.340	0.341	78.5	6 obs.[2]	28 3014
9004	9.2	26 49.52	2.3152	0.0017	29 41 26.1	2.342	0.334	74.6	225	— —
9005	8.0	26 56.11	2.4537	0.0016	24 58 39.6	2.352	0.354	81.1	6 obs.[3]	24 3446
9006	8.9	18 26 59.05	+2.4326	+0.0017	+25 43 21.2	+2.356	+0.351	79.1	231 316 776 855 930	25 3560
9007	9.5	27 1.27	2.3564	0.0017	28 20 3.6	2.359	0.340	73.6	121	— —
9008	8.5	27 1.52	2.3423	0.0017	28 48 0.1	2.359	0.338	76.9	126 232 398 936	28 3016
9009	9.3	27 8.12	2.4445	0.0016	25 18 26.4	2.369	0.353	80.6	222 583 1468	25 3561
9010	9.4	27 18.25	2.3869	0.0017	27 18 32.7	2.384	0.345	88.0	1394 1395 1466	27 3045*
9011	9.1	18 27 25.88	+2.4349	+0.0017	+25 38 49.0	+2.395	+0.351	87.7	1307 1467	25 3563*
9012	9.4	27 26.19	2.3863	0.0017	27 19 41.7	2.395	0.345	86.7	1299	— —
9013	7.5	27 30.55	2.4420	0.0016	25 23 52.5	2.401	0.352	74.6	115 219 316	25 3564
9014	9.4	27 37.58	2.3723	0.0017	27 48 19.1	2.412	0.342	76.4	11 obs.	27 3046
9015	9.0	27 37.72	2.4272	0.0016	25 55 9.9	2.412	0.350	77.6	118 670 673	25 3565
9016	8.9[4]	18 27 39.38	+2.3575	+0.0017	+28 18 5.5	+2.414	+0.340	80.1	6 318 672 1719	28 3018
9017	9.0	27 44.52	2.4156	0.0016	26 19 32.6	2.422	0.349	75.2	5 obs.[5]	26 3288
9018	9.1	27 47.18	2.4396	0.0016	25 29 17.3	2.425	0.352	87.7	1112 1113 1580 1581	25 3566*
9019	9.1	27 54.06	2.4135	0.0016	26 24 4.0	2.435	0.348	87.2	1206 1398 1401 1402	26 3289*
9020	9.1	28 5.56	2.4166	0.0016	26 17 41.4	2.452	0.349	80.8	5 obs.[6]	26 3290
9021	9.0	18 28 8.08	+2.3159	+0.0017	+29 41 1.6	+2.456	+0.334	75.6	5 obs.[7]	29 3285
9022	9.0	28 17.45	2.3564	0.0017	28 20 46.4	2.469	0.340	92.6	1723 1724 1726	28 3019
9023	8.3	28 30.44	2.3042	0.0017	30 4 3.9	2.488	0.333	75.8	117 123 230 584 590	30 3226
9024	9.3	28 37.53	2.4536	0.0016	25 0 12.7	2.498	0.354	87.3	1208 1396 1465	24 3454*
9025	9.0	28 39.10	2.3381	0.0017	28 57 40.3	2.501	0.337	76.1	6 obs.[8]	28 3020
9026	9.0	18 28 39.32	+2.4267	+0.0016	+25 57 2.5	+2.501	+0.350	75.1	6 obs.[9]	25 3569
9027	9.0	28 44.10	2.3096	0.0017	29 53 50.0	2.508	0.333	75.0	125 224 399	29 3287
9028	9.1	28 51.92	2.4254	0.0016	25 59 46.4	2.519	0.350	79.3	122 316 1468	25 3570
9029	9.0	29 4.02	2.3260	0.0017	29 22 9.1	2.537	0.335	77.2	5 obs.[10]	29 3288
9030	9.0	29 5.10	2.4498	0.0016	25 8 41.6	2.538	0.353	74.9	214 219 319	25 3571
9031	9.0	18 29 5.73	+2.4011	+0.0017	+26 50 21.8	+2.539	+0.346	75.3	6 obs.[11]	26 3293
9032	7.3	29 12.24	2.3612	0.0017	28 11 56.9	2.549	0.340	75.9	121 227 476 489	28 3021
9033	9.1	29 21.11	2.4013	0.0017	26 50 18.4	2.561	0.346	77.6	6 obs.[12]	26 3294
9034	9.5	29 27.42	2.3283	0.0017	29 17 42.4	2.570	0.336	76.3	230 298 588	29 3290
9035	9.3	29 28.91	2.4420	0.0016	25 25 31.1	2.573	0.358	76.6	395	25 3574*
9036	6.8	18 29 29.42	+2.3176	+0.0017	+29 38 53.3	+2.573	+0.335	75.9	123 241 399 597	29 3291
9037	7.6	29 35.67	2.3476	0.0017	28 39 32.0	2.583	0.338	76.1	126 597	28 3024
9038	9.5	29 41.98	2.3997	0.0016	26 53 59.7	2.592	0.346	74.6	223	26 3295
9039	9.4	29 44.18	2.3996	0.0016	26 54 5.3	2.595	0.346	79.3	6 obs.[13]	26 3296
9040	9.4	29 45.03	2.3923	0.0016	27 9 7.2	2.596	0.345	73.6	9 226	— —
9041	9.1	18 29 49.14	+2.4221	+0.0016	+26 7 29.8	+2.602	+0.349	80.3	6 obs.[14]	26 3297
9042	7.7	29 49.23	2.3104	0.0017	29 53 11.9	2.602	0.333	75.6	125 224 241 309 673	29 3293
9043	8.9	29 51.29	2.3992	0.0016	26 55 3.8	2.605	0.345	78.4	116 223 396 1467	26 3298
9044	9.4	29 53.37	2.3914	0.0016	27 11 12.6	2.608	0.344	76.9	7 obs.	27 3050
9045	9.0	29 57.26	2.3975	0.0016	26 58 50.3	2.614	0.345	75.0	229 236 301	26 3300
9046	9.4	18 30 5.01	+2.3981	+0.0016	+26 57 36.8	+2.625	+0.345	78.6	483 665	26 3301
9047	9.4	30 7.83	2.3488	0.0017	28 37 45.4	2.629	0.339	75.4	9 obs.	28 3027
9048	9.3	30 18.15	2.3981	0.0016	26 57 47.4	2.644	0.345	76.1	229 478	26 3303
9049	8.2	30 39.79	2.4469	0.0015	25 16 0.5	2.675	0.353	77.4	115 118 122 1465	25 3578
9050	8.0	30 46.80	2.3940	0.0016	27 6 39.3	2.685	0.345	76.7	8 obs.	27 3053

[1] Z. 117 123 125 224 298 399
[2] » 227 476 588 591 669 850
[3] » 214 242 670 1108 1207 1399
[4] Close double; middle
[5] Z. 116 120 223 306 592
[6] Z. 116 396 1109 1110 1111
[7] » 125 225 241 298 677
[8] » 6 126 232 398 669 674
[9] » 115 118 222 231 242 666
[10] » 117 225 480 591 850
[11] Z. 120 215 229 236 306 592
[12] » 120 215 236 306 592 1466
[13] » 223 396 401 478 483 1733
[14] » 665 670 677 776 778 850

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9051	8.6	18h 30m 50.66	+2.3066	+0.0017	+30° 1' 23.2	+2.691	+0.332	74.6	117 123 219 399	29° 3295
9052	9.0	30 50.98	2.4314	0.0016	25 48 45.5	2.691	0.350	74.6	214 222 242	25 3579
9053	8.5	30 52.91	2.4373	0.0016	25 36 16.3	2.694	0.351	80.3	8 obs.	25 3581
9054	9.2	31 5.27	2.3429	0.0017	28 50 14.2	2.712	0.338	82.7	936 •	28 3029*
9055	9.2	31 12.90	2.3147	0.0017	29 45 51.8	2.723	0.333	85.1	480 1720	— —
9056	9.0	18 31 24.06	+2.4245	+0.0016	+26 3 41.6	+2.739	+0.349	78.4	5 obs.[1]	26 3306
9057	8.7	31 25.58	2.3100	0.0017	29 55 20.4	2.741	0.332	79.6	6 obs.[2]	29 3296
9058	9.2	31 30.25	2.3761	0.0016	27 43 38.2	2.748	0.342	74.6	235	27 3056*
9059	9.1	31 35.77	2.3121	0.0016	29 51 22.1	2.756	0.333	75.3	225 241 399	29 3297
9060	9.2	31 39.54	2.3957	0.0016	27 3 47.1	2.761	0.345	86.4	1109 1207 1395 1397	27 3059*
9061	9.3	18 31 43.13	+2.3851	+0.0016	+27 25 31.5	+2.767	+0.343	85.7	1208	27 3060*
9062	9.1	31 43.20	2.3725	0.0016	27 51 4.9	2.767	0.342	84.7	1110 1112 1113	27 3061*
9063	9.5	31 43.48	2.3975	0.0016	27 0 10.7	2.767	0.345	73.6	116	— —
9064	9.4	31 44.97	2.3993	0.0016	26 56 32.7	2.769	0.345	83.6	223 1724	— —
9065	9.3	31 47.53	2.3869	0.0016	27 21 54.2	2.773	0.343	83.6	850 1209	27 3062*
9066	9.3	18 31 47.55	+2.3141	+0.0016	+29 47 38.7	+2.773	+0.333	81.0	230 309 1721	— —
9067	9.4	31 50.71	2.3672	0.0016	28 2 7.7	2.778	0.341	80.7	778(2)	— —
9068	9.0	31 57.60	2.3154	0.0016	29 45 21.2	2.788	0.333	83.1	117 1718	29 3299
9069	9.4	32 5.94	2.4539	0.0015	25 2 6.2	2.800	0.353	74.1	118 214	25 3584*
9070	9.0	32 7.20	2.3446	0.0016	28 47 49.1	2.801	0.338	80.3	671 779(2)	28 3030*
9071	9.0	18 32 9.05	+2.3097	+0.0016	+29 56 35.4	+2.804	+0.332	75.3	8 obs.	29 3300
9072	9.0	32 12.77	2.3603	0.0016	28 16 20.9	2.809	0.340	78.0	6 obs.[3]	28 3031
9073	9.2	32 12.91	2.3606	0.0016	28 15 50.6	2.810	0.340	75.6	126 300 476	— —
9074	9.1	32 14.45	2.4570	0.0015	24 55 52.5	2.812	0.353	86.3	1206 1299 1306	24 3470*
9075	9.5	32 16.94	2.3356	0.0016	29 5 49.5	2.815	0.336	91.1	1467 1830	29 3301
9076	9.0	18 32 21.28	+2.4546	+0.0015	+25 1 0.7	+2.822	+0.353	74.5	8 obs.	25 3585
9077	8.0	32 21.89	2.3400	0.0016	28 57 5.0	2.823	0.337	74.6	227 232	28 3032
9078	9.2	32 29.59	2.4135	0.0016	26 27 49.5	2.834	0.347	84.8	5 obs.[4]	26 3310*
9079	9.1	32 29.74	2.3662	0.0016	28 4 42.9	2.834	0.341	80.3	227 489 1465	28 3033
9080	7.2	32 38.40	2.3243	0.0016	29 28 32.2	2.846	0.334	74.6	117 224 309	29 3302
9081	9.0	18 32 41.10	+2.4183	+0.0015	+26 17 51.6	+2.850	+0.348	80.1	215 1205	26 3311*
9082	9.0	32 42.26	2.4045	0.0016	26 46 26.2	2.852	0.346	75.6	8 obs.	26 3312
9083	9.3	32 47.65	2.3522	0.0016	28 33 10.9	2.860	0.338	77.4	6 588 591 674	28 3035
9084	9.3	32 55.07	2.4590	0.0015	24 52 5.9	2.871	0.354	85.6	850 1396 1399	24 3476*
9085	9.5[5]	32 56.15	2.3607	0.0016	28 16 15.4	2.872	0.340	88.7	1468	28 3036*
9086	9.4	18 32 59.12	+2.3440	+0.0016	+28 49 49.7	+2.876	+0.337	82.7	936	— —
9087	7.0	33 5.72	2.3533	0.0016	28 31 19.5	2.886	0.338	78.9	7 obs.	28 3037
9088	8.9	33 17.81	2.4043	0.0016	26 47 28.6	2.903	0.346	75.6	7 obs.	26 3313
9089	7.4	33 19.78	2.4510	0.0015	25 9 32.0	2.906	0.352	76.8	6 obs.[6]	25 3590
9090	8.2	33 23.41	2.3441	0.0016	28 49 57.4	2.911	0.337	79.1	232 671 677 785(2)	28 3039
9091	8.3	18 33 24.44	+2.3631	+0.0016	+28 11 38.1	+2.913	+0.340	77.3	231 588 591	28 3038
9092	9.1	33 25.19	2.4188	0.0015	26 17 28.7	2.914	0.348	86.7	1206 1397	26 3314*
9093	8.9	33 25.53	2.3716	0.0016	27 54 31.3	2.914	0.341	77.8	10 obs.	27 3067
9094	8.0	33 28.47	2.3514	0.0016	28 35 20.0	2.919	0.338	77.7	126 593 597 674	28 3040
9095	9.2	33 35.12	2.4513	0.0015	25 9 0.5	2.928	0.352	75.1	8 obs.	25 3591
9096	8.5[7]	18 33 36.85	+2.3984	+0.0016	+26 59 45.2	+2.931	+0.345	75.9	120 236 478 483	26 3316
9097	9.2	33 45.63	2.3828	0.0016	27 32 5.2	2.943	0.342	84.7	850 1207 1208 1209	27 3068*
9098	9.0	33 51.33	2.4183	0.0015	26 18 52.7	2.952	0.348	75.3	215 221 401	26 3318
9099	8.7	33 52.59	2.3766	0.0016	27 44 51.8	2.954	0.341	75.1	16 235 238 585	27 3069
9100	9.2	33 53.17	2.3138	0.0016	29 50 19.6	2.954	0.333	84.6	1109	29 3307*

[1] Z. 120 301 306 592 1466
[2] » 125 224 298 1108 1111 1116
[3] » 121 126 300 398 476 1584
[4] Z. 223 1307 1394 1398 1401
[5] Double; middle
[6] Z. 115 316 319 400 670(2)
[7] Close double; middle

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
9101	9.1	18h 34m 4s.53	+2s.3468	+0s.0016	+28° 44′ 55″.2	+2″.971	+0″.337	76.1	227 300 398 489	28° 3045
9102	9.3	34 6.48	2.3388	0.0016	29 1 9.7	2.974	0.336	77.6	232 476 593 674	28 3046
9103	9.3	34 14.52	2.4418	0.0015	25 29 42.7	2.985	0.351	79.6	666	25 3593*
9104	8.8[1]	34 23.76	2.3453	0.0016	28 48 29.1	2.999	0.337	80.7	779	— —
9105	8.5	34 30.96	2.4341	0.0015	25 46 14.0	3.009	0.350	78.2	115 118 395 1467	25 3594
9106	9.2	18 34 31.60	+2.4136	+0.0015	+26 29 13.6	+3.010	+0.347	75.6	301	— —
9107	7.5	34 32.44	2.4139	0.0015	26 28 31.9	3.011	0.347	74.9	120 229 301 306	26 3319
9108	8.6	34 33.43	2.3272	0.0016	29 24 29.2	3.012	0.334	74.8	7 obs.	29 3310
9109	8.5	34 34.88	2.4254	0.0015	26 4 35.6	3.015	0.349	79.9	221 223 673 1585	26 3320
9110	9.1	34 35.88	2.3125	0.0016	29 53 27.5	3.016	0.332	84.7	1110 1112	29 3311*
9111	8.1	18 34 42.25	+2.4589	+0.0015	+24 53 45.3	+3.025	+0.353	75.0	214 242 319	24 3489
9112	9.0	34 47.57	2.4426	0.0015	25 28 29.7	3.033	0.351	76.0	122 231 666	25 3595
9113	9.5	34 50.17	2.3730	0.0016	27 53 8.5	3.037	0.341	72.6	8	— —
9114	9.4	34 52.53	2.3429	0.0016	28 53 39.1	3.040	0.336	74.6	6 121 489	28 3049
9115	9.5	34 55.04	2.3275	0.0016	29 24 21.0	3.044	0.334	73.7	125	— —
9116	9.1	18 34 58.88	+2.3703	+0.0016	+27 58 49.6	+3.049	+0.340	84.7	778(2) 1306 1398 1399	27 3072*
9117	8.7	35 6.49	2.3994	0.0015	26 59 18.7	3.060	0.345	76.1	6 obs.[2]	26 3322
9118	9.1	35 12.17	2.3728	0.0016	27 53 54.0	3.068	0.341	75.9	9 226 308 776	27 3073
9119	6.8	35 18.24	2.4274	0.0015	26 0 58.1	3.077	0.349	77.5	6 obs.[3]	26 3324
9120	9.4	35 28.63	2.3510	0.0016	28 38 6.3	3.092	0.338	79.9	227 398 672 1468	28 3050
9121	9.5	18 35 31.49	+2.4276	+0.0015	+26 0 50.5	+3.096	+0.348	81.1	115 118 1465 1466	25 3598
9122	9.0	35 33.96	2.4143	0.0015	26 28 44.7	3.100	0.347	82.1	120 1581	26 3325*
9123	9.4	35 35.61	2.3647	0.0015	28 10 35.2	3.102	0.339	76.5	6 obs.[4]	28 3051*
9124	8.1	35 40.75	2.3043	0.0016	30 10 27.4	3.109	0.330	86.3	123 1718 1723	30 3264
9125	9.2	35 42.05	2.4470	0.0015	25 20 3.5	3.111	0.351	74.9	6 obs.[5]	25 3599
9126	9.0	18 35 50.01	+2.4593	+0.0015	+24 53 48.1	+3.123	+0.354	82.2	122 1584	— —
9127	9.0	35 50.97	2.3196	0.0016	29 40 45.9	3.124	0.333	74.6	224 225 230	29 3314
9128	9.5	35 53.69	2.4258	0.0015	26 4 56.7	3.128	0.348	74.6	223	— —
9129	9.5	35 54.53	2.3858	0.0015	27 27 58.5	3.129	0.342	79.2	5 obs.[6]	27 3074
9130	9.2	35 57.22	2.3771	0.0015	27 45 53.5	3.133	0.341	75.3	8 16 397 665	27 3075
9131	9.5	18 35 57.31	+2.3805	+0.0015	+27 38 58.1	+3.133	+0.342	92.6	1726 1729	27 3076
9132	9.4	36 1.45	2.3452	0.0016	28 50 16.0	3.139	0.337	86.6	779 1721	— —
9133	9.0	36 2.36	2.4261	0.0015	26 4 15.8	3.141	0.348	75.4	221 223 306 396	26 3329
9134	9.0	36 2.67	2.3909	0.0015	27 17 35.6	3.141	0.343	83.6	850 1108 1111	27 3078
9135	8.7	36 9.23	2.4207	0.0015	26 15 56.4	3.150	0.347	76.0	8 obs.	26 3330
9136	9.0	18 36 13.00	+2.3763	+0.0015	+27 47 41.3	+3.156	+0.341	82.6	9 1719	27 3079
9137	8.2	36 17.56	2.3589	0.0015	28 22 56.4	3.163	0.338	75.6	227 300 318 398	28 3052
9138	8.1	36 22.28	2.3760	0.0015	27 48 28.4	3.169	0.341	76.6	9 238 665 667	27 3080
9139	9.0	36 23.40	2.3296	0.0016	29 21 38.4	3.171	0.334	78.1	125 225 309 1467	29 3317
9140	9.5	36 24.26	2.3817	0.0015	27 36 51.4	3.172	0.342	79.6	669	— —
9141	8.8	18 36 26.59	+2.3643	+0.0015	+28 12 9.4	+3.175	+0.339	92.6	1724 1725 1727	28 3053
9142	9.0	36 27.88	2.3048	0.0016	30 10 28.2	3.177	0.330	74.7	241	30 3271
9143	7.0	36 28.12	2.3046	0.0016	30 10 42.6	3.178	0.330	75.2	5 obs.[7]	
9144	8.8	36 28.60	2.3662	0.0015	28 8 26.0	3.178	0.339	78.2	489 588	28 3054
9145	9.0	36 30.90	2.3214	0.0016	29 38 1.7	3.182	0.333	77.2	399 487	29 3318
9146	9.0	18 36 32.89	+2.3438	+0.0016	+28 53 36.7	+3.185	+0.336	82.2	126 1582	— —
9147	9.3:	36 33.83	2.3497	0.0016	28 41 49.6	3.186	0.337	82.2	476 671 1208 1209	28 3055
9148	9.1	36 41.82	2.3522	0.0016	28 36 56.6	3.197	0.338	74.3	6 232 318	28 3056
9149	9.0	36 51.20	2.3269	0.0016	29 27 22.5	3.211	0.334	75.3	117 309 399	29 3320
9150	8.2	36 52.62	2.4593	0.0014	24 54 44.8	3.213	0.352	75.0	5 obs.[8]	24 3499

[1] Examined in 1892 and found faint
[2] Z. 215 229 236 396 483 592
[3] » 116 236 319 400 478 1307
[4] Z. 121 126 232 588 591 677
[5] » 214 219 222 231 310 316
[6] » 226 235 667 668 1401
[7] Z. 117 123 241 298 597
[8] » 115 118 310 316 395

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
9151	9.0	18h 36m 56s.62	+2s.4264	+0s.0015	+26° 4' 42".7	+3".219	+0".348	83.2	306 1585	26° 3333*
9152	9.3	36 59.40	2.3222	0.0016	29 36 51.5	3.223	0.333	76.6	224 591	— —
9153	9.3	37 2.91	2.3828	0.0015	27 35 4.0	3.228	0.342	78.7	592	— —
9154	9.2	37 11.64	2.3458	0.0016	28 50 16.4	3.240	0.337	76.8	5 obs. [1]	28 3059
9155	9.1	37 12.42	2.3990	0.0015	27 2 0.1	3.241	0.344	74.6	16 235 397	27 3083
9156	9.0	18 37 14.38	+2.3848	+0.0015	+27 31 19.0	+3.244	+0.342	78.4	308 592 668 674	27 3084
9157	9.0	37 15.23	2.3847	0.0015	27 31 24.9	3.246	0.342	79.6	668 674	
9158	9.4	37 15.23	2.3821	0.0015	27 36 49.4	3.246	0.342	74.6	226 235	— —
9159	9.5	37 16.99	2.4465	0.0014	25 22 30.9	3.248	0.350	74.5	214	25 3603*
9160	9.1	37 21.52	2.4240	0.0015	26 10 18.9	3.255	0.347	84.7	1109 1110 1113	26 3335*
9161	7.5	18 37 27.81	+2.3707	+0.0015	+28 0 15.6	+3.264	+0.340	81.3	322 667 1466	27 3085
9162	8.5	37 32.44	2.3841	0.0015	27 32 58.2	3.270	0.342	77.2	238 669	27 3086
9163	9.1	37 36.32	2.3166	0.0016	29 48 29.1	3.276	0.332	86.7	1206 1306 1395	29 3323*
9164	8.2	37 40.96	2.4388	0.0015	25 39 9.4	3.283	0.349	74.3	122 222 242	25 3606
9165	8.8	37 46.09	2.4491	0.0014	25 17 28.1	3.290	0.351	76.2	5 obs. [2]	25 3607
9166	8.5	18 37 49.93	+2.3759	+0.0015	+27 50 6.5	+3.295	+0.341	78.6	5 obs. [3]	27 3087
9167	7.4	37 56.46	2.3658	0.0015	28 10 50.2	3.305	0.339	76.8	6 obs. [4]	28 3063
9168	8.6	37 59.40	2.4477	0.0014	25 20 40.8	3.309	0.351	76.2	118 316 319 673	25 3608
9169	8.0	38 0.58	2.3555	0.0015	28 31 32.1	3.311	0.337	76.0	227 232 591	28 3064
9170	9.1	38 3.21	2.4347	0.0015	25 48 22.3	3.315	0.349	86.7	1108 1398 1399	25 3609*
9171	8.9	18 38 10.68	+2.3685	+0.0015	+28 5 29.9	+3.325	+0.340	78.4	300 318 778 857	28 3065
9172	8.7	38 10.90	2.3206	0.0015	29 41 7.2	3.326	0.332	74.9	125 224 298 309	29 3326
9173	9.3	38 13.09	2.4579	0.0014	24 59 0.5	3.329	0.352	87.7	1299 1396 1397 1465	24 3506*
9174	8.4	38 15.27	2.3471	0.0015	28 48 47.5	3.332	0.336	81.4	779 785 936	28 3066
9175	9.0	38 18.92	2.3206	0.0015	29 41 36.2	3.337	0.332	80.3	6 obs. [5]	29 3327*
9176	9.0	18 38 24.78	+2.4570	+0.0014	+25 1 15.6	+3.346	+0.352	74.4	115 122 231 310	25 3610
9177	9.0	38 29.33	2.3822	0.0015	27 37 58.0	3.352	0.341	76.1	226 238 322 668	27 3088
9178	9.0[6]	38 29.59	2.3835	0.0015	27 35 27.1	3.352	0.341	75.6	16 592	27 3089
9179	9.0	38 31.67	2.4262	0.0015	26 6 42.2	3.356	0.348	79.3	116 120 1584	26 3339*
9180	8.7	38 44.77	2.3719	0.0015	27 59 15.3	3.374	0.339	75.6	9 235 665	27 3091
9181	9.2	18 38 56.48	+2.3418	+0.0015	+29 0 11.9	+3.391	+0.335	77.9	121 126 855 934	28 3067
9182	8.3	39 1.70	2.4441	0.0014	25 29 24.7	3.399	0.350	75.0	5 obs. [7]	25 3614
9183	9.1	39 4.38	2.4224	0.0015	26 15 16.2	3.402	0.347	80.6	301 850 1113	26 3340*
9184	9.4	39 5.52	2.4350	0.0015	25 48 43.5	3.404	0.349	75.1	222 319	25 3615
9185	9.3	39 8.93	2.4609	0.0014	24 53 33.9	3.409	0.352	74.6	231	24 3514*
9186	7.7	18 39 11.04	+2.4267	+0.0015	+26 6 16.9	+3.412	+0.348	75.3	6 obs. [8]	26 3341
9187	9.0	39 19.93	2.3165	0.0015	29 50 40.9	3.415	0.332	74.9	123 225 230 399	29 3331
9188	7.3	39 24.64	2.3725	0.0015	27 58 30.6	3.431	0.339	75.1	8 9 308 665	27 3095
9189	8.0	39 30.30	2.3894	0.0014	27 24 12.8	3.440	0.342	74.6	16 226 397	27 3096
9190	8.9	39 34.97	2.3182	0.0015	29 47 34.4	3.446	0.332	78.9	7 obs.	29 3332
9191	9.5	18 39 38.46	+2.4347	+0.0014	+25 49 48.8	+3.451	+0.349	73.6	115	— —
9192	9.5	39 40.44	2.3409	0.0015	29 2 34.7	3.454	0.335	78.0	125 487 934	29 3333
9193	7.5	39 46.44	2.4280	0.0014	26 4 15.1	3.463	0.348	74.8	5 obs. [9]	26 3344
9194	9.0	39 47.41	2.4612	0.0014	24 53 31.5	3.464	0.352	74.2	122 242	24 3519
9195	9.0	39 47.86	2.4236	0.0014	26 13 27.2	3.465	0.347	83.1	301 1588	26 3345*
9196	9.4	18 39 57.13	+2.4410	+0.0014	+25 36 45.7	+3.478	+0.350	75.0	118 314 316	25 3618
9197	8.8	40 4.74	2.3331	0.0015	29 18 39.7	3.489	0.334	75.0	225 239 309	29 3335
9198	9.0	40 6.60	2.3361	0.0015	29 12 41.9	3.492	0.334	84.1	298 1720	— —
9199	9.3	40 16.96	2.4479	0.0014	25 22 32.4	3.507	0.350	74.6	219	25 3621*
9200	9.4	40 18.52	2.3502	0.0015	28 44 44.7	3.509	0.336	92.6	1718 1721	28 3071*

[1] Z. 121 126 300 593 936
[2] » 219 231 316 395 673
[3] » 8 397 776 777 939
[4] Z. 6 14 398 476 588 850
[5] » 117 125 224 1111 1394 1401
[6] Double; larger
[7] Z. 118 219 242 310 395
[8] » 116 120 236 306 401 483
[9] » 116 120 236 306 401

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9201	9.2	$18^h\ 40^m\ 23^s.67$	+2ˢ.3755	+0ˢ.0015	+27° 53′ 42″.6	+3″.516	+0″.339	75.3	235 238 397	27° 3100*
9202	9.2	40 30.68	2.3553	0.0015	28 34 41.9	3.526	0.337	86.7	1206 1398	28 3072*
9203	9.5	40 31.76	2.4405	0.0014	25 38 27.3	3.528	0.349	73.6	115	— —
9204	8.7	40 32.80	2.3100	0.0015	30 4 44.4	3.530	0.330	73.9	117 123 224	30 3289
9205	8.1[1]	40 34.44	2.3688	0.0015	28 7 34.3	3.532	0.338	74.8	6 obs.[2]	28 3073
9206	9.2	18 40 35.83	+2.4613	+0.0014	+24 54 4.6	+3.534	+0.351	87.7	1399	24 3525*
9207	8.9	40 36.86	2.3926	0.0014	27 18 50.8	3.535	0.342	73.6	8 16 308	27 3101
9208	9.4	40 45.36	2.3760	0.0015	27 52 43.2	3.548	0.339	77.1	238 668	27 3104
9209	9.3	40 51.75	2.3806	0.0015	27 43 39.5	3.557	0.340	84.6	1108 1110	27 3105*
9210	9.2	40 57.47	2.3821	0.0015	27 40 45.3	3.565	0.340	79.1	322 665 667 850	27 3106
9211	4.9	18 41 2.20	+2.4154	+0.0014	+26 31 47.4	+3.572	+0.345	75.6	5 obs.[3]	26 3349
9212	9.0	41 3.74	2.3625	0.0015	28 20 51.0	3.574	0.338	74.9	121 227 398	28 3074*
9213	9.0	41 5.68	2.3374	0.0015	29 11 20.7	3.577	0.334	80.6	230 399 1584	29 3339*
9214	9.0	41 7.44	2.3669	0.0015	28 11 58.8	3.579	0.338	78.0	126 476 936	28 3075
9215	9.5	41 13.52	2.4119	0.0014	26 39 27.9	3.588	0.344	83.6	236 1724	26 3351
9216	9.0	18 41 22.40	+2.3715	+0.0015	+28 2 55.1	+3.601	+0.339	74.9	121 227 300 318	28 3076
9217	9.1	41 28.69	2.3981	0.0014	27 8 23.0	3.610	0.343	75.6	16 226 668	27 3108
9218	8.1	41 30.75	2.4476	0.0014	25 24 22.2	3.613	0.349	74.9	5 obs.[4]	25 3623
9219	9.2	41 31.60	2.4030	0.0014	26 58 14.6	3.614	0.343	77.0	396 401 478	26 3353
9220	9.1	41 32.78	2.3674	0.0015	28 11 33.1	3.616	0.338	79.9	6 obs.[5]	28 3077
9221	8.9	18 41 34.43	+2.4208	+0.0014	+26 21 14.1	+3.618	+0.346	77.4	236 478 673(2)	26 3354
9222	9.3	41 42.76	2.4607	0.0014	24 56 42.1	3.630	0.351	73.6	118	24 3532*
9223	8.2	41 46.80	2.3922	0.0014	27 20 52.2	3.636	0.342	74.8	8 9 235 665	27 3111
9224	8.9	41 48.33	2.4142	0.0014	26 35 20.9	3.638	0.345	76.0	116 396 483	26 3356
9225	8.9	41 52.82	2.4615	0.0014	24 54 57.8	3.644	0.351	75.2	5 obs.[6]	24 3536
9226	9.2	18 41 53.69	+2.4333	+0.0014	+25 55 5.9	+3.646	+0.347	75.1	219 310	25 3625
9227	9.5	41 56.57	2.3382	0.0015	29 10 52.2	3.650	0.333	75.4	117 224 230 591	29 3343
9228	9.1	42 2.51	2.3929	0.0014	27 19 45.0	3.658	0.342	87.7	1398	27 3112*
9229	9.4	42 6.70	2.4329	0.0014	25 56 18.5	3.664	0.347	73.6	115	25 3627*
9230	9.5	42 9.64	2.3332	0.0015	29 20 43.4	3.668	0.333	74.9	125 225 239 399	29 3344
9231	9.5	18 42 10.05	+2.3844	+0.0014	+27 37 28.5	+3.669	+0.341	74.6	235	27 3113*
9232	9.5	42 12.01	2.4617	0.0014	24 55 2.9	3.672	0.351	73.6	122	— —
9233	9.3	42 17.23	2.3187	0.0015	29 49 49.8	3.679	0.331	87.7	1402	29 3345*
9234	9.4	42 18.27	2.4117	0.0014	26 41 4.5	3.681	0.344	75.0	120 301 306	26 3360
9235	9.5	42 19.11	2.3256	0.0015	29 36 9.8	3.682	0.332	84.6	1108	29 3346*
9236	8.8	18 42 19.50	+2.3649	+0.0015	+28 17 18.6	+3.683	+0.337	77.2	7 obs.	28 3078
9237	9.2	42 21.15	2.3656	0.0015	28 16 6.2	3.685	0.337	84.6	318 1830	28 3079
9238	8.1	42 26.08	2.3484	0.0015	28 51 0.9	3.692	0.335	82.3	785 935 1000	28 3081
9239	9.2	42 33.35	2.3202	0.0015	29 47 6.5	3.702	0.331	84.6	1109	29 3347*
9240	8.5	42 37.31	2.3902	0.0014	27 25 58.8	3.708	0.341	74.8	5 obs.[7]	27 3115
9241	9.2	18 42 41.21	+2.3409	+0.0015	+29 6 18.2	+3.714	+0.334	87.7	1110 1588	29 3348*
9242	8.3	42 43.95	2.3468	0.0015	28 54 20.9	3.718	0.334	79.4	300 588 785 936	28 3084
9243	9.5	42 48.17	2.3328	0.0015	29 22 24.9	3.724	0.332	73.6	117	29 3349*
9244	8.4	42 49.54	2.3565	0.0015	28 35 1.0	3.726	0.336	76.6	121 674	28 3085
9245	7.6	42 50.07	2.3588	0.0015	28 30 25.4	3.726	0.336	82.3	227 997 1467	28 3086
9246	9.5	18 43 4.91	+2.3266	+0.0015	+29 34 55.2	+3.748	+0.332	86.7	1304	29 3351*
9247	8.3	43 7.27	2.3469	0.0015	28 54 48.3	3.751	0.334	81.7	674 850 935 936	28 3087
9248	8.4	43 14.44	2.4343	0.0014	25 54 33.3	3.761	0.347	74.9	115 219 395	25 3630
9249	9.0	43 15.76	2.4431	0.0014	25 36 2.1	3.763	0.349	78.4	222 231 666 1119	25 3631
9250	8.5	43 20.44	2.3187	0.0015	29 50 56.8	3.770	0.331	75.4	7 obs.	29 3352

[1] Double; larger
[2] Z. 6 126 232 300 318 398
[3] » 221 223 301 306 483
[4] Z. 122 222 242 310 319
[5] » 232 588 674 785 934 935
[6] Z. 118 231 314 316 395
[7] » 16 226 238 308 397

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
9251	9.3	18h 43m 23s.81	+2s.4129	+0s.0014	+26° 39' 43".0	+3".775	+0".344	78.6	5 obs. [1]	— —
9252	8.8	43 24.70	2.3119	0.0015	30 4 26.5	3.776	0.330	84.7	1111 1113 1114	30° 3301
9253	9.3	43 26.00	2.3538	0.0014	28 41 12.2	3.778	0.335	87.6	934 1721	28 3088
9254	9.4	43 43.69	2.4613	0.0013	24 57 37.0	3.803	0.351	88.1	1394 1466	24 3543*
9255	9.5	43 47.99	2.4144	0.0014	26 37 5.1	3.809	0.344	74.6	120 306	26 3362
9256	9.5	18 43 55.52	+2.4607	+0.0013	+24 59 2.9	+3.820	+0.351	87.7	1307 1465	24 3544*
9257	9.1	43 56.56	2.4176	0.0014	26 30 32.6	3.822	0.344	82.3	221 666 1720	26 3363
9258	9.2	43 56.98	2.3677	0.0014	28 13 42.0	3.822	0.337	87.3	1206 1207 1582	28 3090*
9259	9.3	44 4.49	2.4251	0.0014	26 14 55.2	3.833	0.346	90.7	1584	— —
9260	6.3	44 6.43	2.4629	0.0013	24 54 21.7	3.836	0.351	81.1	118 673 939 1467	24 3545
9261	8.8	18 44 10.22	+2.3532	+0.0014	+28 43 14.5	+3.841	+0.335	74.6	6 obs. [2]	28 3091
9262	9.5	44 10.94	2.3125	0.0015	30 4 20.3	3.842	0.330	85.7	1205	30 3305*
9263	7.6	44 15.00	2.3869	0.0014	27 34 43.5	3.848	0.340	73.4	5 obs. [3]	27 3122
9264	9.4	44 15.39	2.4611	0.0013	24 58 37.0	3.849	0.351	81.6	850	— —
9265	9.0	44 18.26	2.4298	0.0014	26 5 20.6	3.853	0.346	77.7	236 592 670	26 3365
9266	9.2	18 44 23.98	+2.3944	+0.0014	+27 19 24.7	+3.861	+0.341	77.6	226 397 665 668	27 3124
9267	8.8	44 24.37	2.3844	0.0014	27 40 3.3	3.861	0.339	82.3	595 678 1472	27 3125
9268	8.8	44 24.62	2.4484	0.0013	25 25 59.3	3.862	0.349	77.0	122 222 935	25 3633
9269	9.2	44 26.37	2.4098	0.0014	26 47 36.9	3.864	0.343	85.7	1208 1209	26 3366*
9270	9.5	44 26.77	2.4327	0.0014	25 59 28.8	3.865	0.347	73.6	115 122	— —
9271	8.7	18 44 27.95	+2.3874	+0.0014	+27 34 10.3	+3.867	+0.340	76.3	235 238 667	27 3126
9272	8.5	44 34.50	2.3393	0.0014	29 11 34.9	3.876	0.333	75.2	5 obs. [4]	29 3357
9273	9.2	44 40.93	2.4280	0.0013	26 9 34.7	3.885	0.346	85.1	666 1299 1301 1395	26 3367
9274	8.5	44 41.56	2.3726	0.0014	28 4 35.4	3.886	0.338	75.3	121 126 591	28 3093
9275	9.1	44 46.21	2.3668	0.0014	28 16 27.0	3.893	0.337	84.6	1109 1110	28 3094*
9276	9.5	18 44 50.41	+2.4138	+0.0014	+26 39 33.6	+3.899	+0.343	73.6	116	— —
9277	6.9	44 52.61	2.4247	0.0013	26 16 52.6	3.902	0.345	74.6	120 236 306	26 3368
9278	8.9	44 59.08	2.3649	0.0014	28 20 37.4	3.911	0.337	77.7	398 597	28 3095
9279	9.1	45 5.58	2.4618	0.0013	24 58 0.2	3.920	0.350	84.7	1115 1116	24 3549
9280	9.2	45 10.40	2.3440	0.0014	29 2 54.6	3.927	0.334	86.4	1119 1306 1405	29 3360*
9281	7.5	18 45 12.50	+2.3253	+0.0014	+29 40 18.2	+3.930	+0.331	74.4	117 125 241 309	29 3361
9282	9.4	45 17.42	2.4641	0.0013	24 53 13.1	3.937	0.350	87.7	1304 1468	24 3551*
9283	9.4	45 18.92	2.4075	0.0014	26 53 15.4	3.939	0.342	76.0	116 120 776	26 3369
9284	9.2	45 20.47	2.3130	0.0014	30 4 49.6	3.941	0.329	85.7	1206 1207	30 3315*
9285	8.9	45 24.33	2.3424	0.0014	29 6 29.3	3.947	0.333	78.8	5 obs. [5]	29 3363
9286	9.3	18 45 24.76	+2.4324	+0.0013	+26 1 7.9	+3.948	+0.346	88.3	673 1724 1726	25 3639
9287	9.0	45 32.65	2.3534	0.0014	28 44 34.4	3.959	0.335	76.3	14 318 674	28 3098
9288	8.0	45 41.87	2.3642	0.0014	28 22 48.2	3.972	0.336	75.2	5 obs. [6]	28 3099
9289	9.2	45 45.86	2.3714	0.0014	28 8 28.7	3.978	0.337	88.7	1466	28 3100*
9290	9.1	45 51.31	2.3302	0.0014	29 31 31.2	3.986	0.331	86.7	850 1394 1588	29 3365*
9291	8.1	18 45 52.35	+2.3877	+0.0014	+27 35 5.9	+3.987	+0.340	76.0	5 obs. [7]	27 3132
9292	8.6	45 53.07	2.3114	0.0014	30 8 37.7	3.988	0.328	74.4	5 obs. [8]	30 3321
9293	9.1	45 54.38	2.4363	0.0013	25 53 25.5	3.990	0.346	83.6	118 1307 1582	25 3642*
9294	9.2	45 55.81	2.3972	0.0014	27 15 27.3	3.992	0.341	77.9	226 592 595 668	27 3135
9295	8.3	46 9.67	2.3287	0.0014	29 34 45.6	4.012	0.331	77.0	241 298 785	29 3367
9296	9.2	18 46 19.99	+2.3436	+0.0014	+29 5 12.6	+4.027	+0.333	87.3	1208 1209 1581	29 3368*
9297	9.4	46 24.07	2.3723	0.0014	28 7 26.8	4.033	0.337	88.6	1465	— —
9298	9.0	46 24.53	2.3146	0.0014	30 3 4.4	4.033	0.329	80.7	597 776 935	30 3324
9299	9.2	46 27.36	2.3122	0.0014	30 7 48.2	4.037	0.328	85.7	1212 1213	30 3325*
9300	9.1	46 35.50	2.4566	0.0013	25 10 47.1	4.049	0.349	74.9	115 231 395	25 3646

[1] Z. 116 236 396 483 1586
[2] » 6 126 227 232 318 398
[3] » 8 9 16 235 238
[4] Z. 125 225 298 309 399
[5] » 225 230 298 1108 1111
[6] » 6 126 227 300 675
[7] Z. 8 9 16 397 1205
[8] » 117 123 125 224 399

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9301	6.6	$18^h\ 46^m\ 41^s.06$	+2ˢ.3574	+0ˢ.0014	+28° 38′ 6″.5	+4″.057	+0″.335	75.6	6 obs. [1]	28° 3104
9302	9.5	46 47.99	2.3317	0.0014	29 29 48.9	4.067	0.331	73.6	123	29 3370*
9303	8.8	46 48.22	2.3181	0.0014	29 56 40.1	4.067	0.329	75.0	225 230 309	29 3371
9304	9.5	46 54.73	2.3296	0.0014	29 34 1.1	4.076	0.331	74.7	241	— —
9305	9.0	46 58.46	2.4267	0.0013	26 15 6.8	4.082	0.345	78.6	120 236 306 1584	26 3373
9306	8.8	18 47 1.29	+2.3440	+0.0014	+29 5 20.4	+4.086	+0.333	95.5	1958 1962 1963	29 3372
9307	8.4	47 6.38	2.3581	0.0014	28 37 12.1	4.093	0.335	74.4	121(2) 126 227 398	28 3106
9308	7.6	47 6.53	2.4022	0.0013	27 6 32.6	4.093	0.341	74.0	5 obs. [2]	27 3142
9309	9.2	47 9.99	2.4026	0.0013	27 5 52.1	4.098	0.341	84.1	7 obs.	27 3144*
9310	7.8	47 10.13	2.4374	0.0013	25 52 36.1	4.098	0.346	76.6	122 219 1120	25 3650
9311	9.0	18 47 13.55	+2.4316	+0.0013	+26 5 1.5	+4.103	+0.346	80.6	116 306 1724	26 3375
9312	9.4	47 14.26	2.3303	0.0014	29 33 6.7	4.104	0.331	76.4	125 224 399 785	29 3373*
9313	9.0	47 14.42	2.4199	0.0013	26 29 41.0	4.104	0.344	77.6	478 483	26 3376
9314	9.1	47 14.94	2.3739	0.0014	28 5 10.4	4.105	0.337	84.7	1109 1111 1112	28 3107*
9315	9.2	47 20.01	2.3995	0.0013	27 12 24.4	4.112	0.341	80.8	6 obs. [3]	27 3145
9316	8.4	18 47 20.64	+2.4641	+0.0013	+24 55 32.4	+4.113	+0.350	79.4	122 222 395 1718	24 3558
9317	9.2	47 20.88	2.4001	0.0013	27 11 16.1	4.114	0.341	74.7	238	— —
9318	8.2	47 22.55	2.4172	0.0013	26 35 42.4	4.116	0.343	78.1	223 592 665 670	26 3378
9319	8.1	47 23.54	2.4233	0.0013	26 22 45.4	4.117	0.344	79.1	6 obs. [4]	26 3379
9320	9.2	47 27.87	2.4380	0.0013	25 51 48.9	4.124	0.346	83.7	242 1721	25 3651
9321	9.2	18 47 27.99	+2.4376	+0.0013	+25 52 38.1	+4.124	+0.346	78.9	6 obs. [5]	25 3652*
9322	9.2	47 33.44	2.3863	0.0014	27 40 5.1	4.132	0.339	87.2	1305 1405	— —
9323	8.0	47 34.24	2.4189	0.0013	26 32 17.0	4.133	0.343	77.3	120 592 670	26 3380
9324	8.0	47 35.44	2.3360	0.0014	29 22 16.6	4.135	0.331	74.0	117 135 224	29 3375
9325	9.3	47 43.02	2.4191	0.0013	26 32 3.0	4.145	0.343	88.6	1110 1720	— —
9326	9.1	18 47 48.76	+2.4199	+0.0013	+26 30 31.7	+4.154	+0.343	81.3	236 1113 1115	26 3381*
9327	9.1	47 56.63	2.4194	0.0013	26 31 37.4	4.165	0.343	84.7	1108 1114 1116	26 3382*
9328	9.3	48 5.34	2.3837	0.0014	27 46 10.3	4.177	0.338	75.6	5 obs. [6]	27 3147
9329	9.4	48 6.99	2.3243	0.0014	29 46 9.5	4.180	0.330	75.6	5 obs. [7]	29 3377
9330	7.5	48 13.10	2.4564	0.0013	25 13 24.9	4.188	0.348	75.9	115 231 666	25 3654
9331	9.3	18 48 14.29	+2.3570	+0 0014	+28 40 52.1	+4.190	+0.334	86.4	1208 1209 1400	28 3111*
9332	8.4	48 19.65	2.4421	0.0013	25 43 55.3	4.198	0.346	78.1	5 obs. [8]	25 3655
9333	9.5	48 26.64	2.3337	0.0014	29 28 0.4	4.208	0.331	74.1	123 230	29 3379*
9334	9.5	48 29.88	2.3328	0.0014	29 29 49.7	4.212	0.331	75.1	123 399	29 3380
9335	9.0	48 31.02	2.4330	0.0013	26 3 40.7	4.214	0.345	74.4	116 124 229 306	26 3385
9336	9.0	18 48 33.61	+2.4468	+0.0013	+25 34 17.3	+4.218	+0.347	75.3	6 obs. [9]	25 3656
9337	9.2	48 39.24	2.4229	0.0013	26 25 8.8	4.225	0.343	83.4	6 obs. [10]	26 3386*
9338	9.0	48 39.90	2.3558	0.0014	28 43 44.7	4.226	0.334	77.4	9 obs.	28 3112
9339	9.3	48 46.91	2.3409	0.0014	29 14 3.0	4.236	0.332	74.7	239	29 3381*
9340	9.0	48 51.64	2.3403	0.0014	29 15 23.8	4.243	0.332	83.1	125 1719	29 3382
9341	8.6	18 48 52.89	+2.3334	+0.0014	+29 29 13.0	+4.245	+0.331	78.3	8 obs.	29 3384
9342	9.3	48 52.91	2.3148	0.0014	30 6 5.9	4.245	0.328	86.3	1206 1207 1395	30 3336*
9343	8.9	49 3.35	2.3396	0.0014	29 17 0.5	4.260	0.332	75.0	125 298 309	29 3385
9344	9.1	49 9.56	2.4335	0.0013	26 3 21.3	4.269	0.345	75.6	116 229 396 483	26 3387
9345	6.2	49 15.18	2.3848	0.0013	27 45 21.4	4.277	0.338	75.3	7 obs.	27 3150
9346	9.5	18 49 17.66	+2.4257	+0.0013	+26 20 7.3	+4.280	+0.344	73.6	120	— —
9347	9.1	49 18.25	2.3550	0.0014	28 46 16.9	4.281	0.334	74.9	8 obs.	28 3116
9348	8.6	49 22.30	2.3299	0.0014	29 36 46.5	4.287	0.330	81.3	6 obs. [11]	29 3386
9349	9.3	49 25.87	2.4299	0.0013	26 11 24.0	4.292	0.344	81.6	850	— —
9350	9.4	49 36.44	2.3404	0.0014	29 16 12.8	4.307	0.331	74.6	225	29 3388*

[1] Z. 6 227 300 318 398 591
[2] » 8 9 16 322 397
[3] » 226 235 238 668 1467 1723
[4] » 124 301 401 666 781 1468
[5] Z. 118 219 310 316 1119 1472
[6] » 8 226 308 322 674
[7] » 22 224 239 298 778
[8] » 314 319 395 673 934
[9] Z. 115 118 222 310 319 673
[10] » 779(2) 781 1212 1213 1307
[11] » 588 591 776 777(2) 1467

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9351	9.0	18h 49m 39s.56	+2s.3217	+0s.0014	+29° 53′ 28″.2	+4″.312	+0″.328	79.7	5 obs.[1]	29° 3389
9352	8.7	49 48.94	2.3135	0.0014	30 10 19.4	4.325	0.327	87.4	1108 1109 1394 1723	30 3342
9353	9.5	49 50.70	2.3412	0.0014	29 14 58.0	4.327	0.331	74.6	225	29 3390*
9354	9.2	49 52.28	2.4275	0.0013	26 16 58.3	4.330	0.344	77.4	5 obs.[2]	26 3390
9355	9.2	49 53.42	2.4301	0.0013	26 11 38.1	4.331	0.344	80.0	5 obs.[3]	26 3391
9356	9.1	18 49 54.67	+2.4093	+0.0013	+26 55 27.7	+4.333	+0.341	85.5	1119 1120 1121 1405	26 3392*
9357	9.1	49 57.34	2.3859	0.0013	27 44 10.0	4.337	0.338	75.8	7 obs.	27 3155
9358	7.4	50 0.34	2.3225	0.0014	29 52 26.4	4.341	0.329	74.8	5 obs.[4]	29 3391
9359	9.5	50 4.41	2.3131	0.0014	30 11 21.9	4.347	0.327	92.6	1723	*30 3343**
9360	9.1	50 7.34	2.3297	0.0014	29 38 13.7	4.351	0.330	84.1	5 obs.[5]	29 3392*
9361	9.2	18 50 12.11	+2.3396	+0.0014	+29 18 38.8	+4.358	+0.331	86.4	1208 1209 1401	29 3394*
9362	9.0	50 14.76	2.3905	0.0013	27 35 2.2	4.362	0.339	76.9	238 308 589 592	27 3157
9363	9.1	50 15.31	2.3892	0.0013	27 37 50.8	4.362	0.339	76.7	238 589	27 3158
9364	8.3	50 18.77	2.4119	0.0013	26 50 38.2	4.367	0.342	80.1	6 obs.[6]	26 3394
9365	9.3	50 21.59	2.3454	0.0014	29 7 22.2	4.371	0.331	87.0	1214 1305 1466	29 3397*
9366	9.1	18 50 22.96	+2.4292	+0.0013	+26 14 20.0	+4.373	+0.344	80.6	6 obs.[7]	26 3395
9367	8.6[8]	50 34.98	2.3471	0.0014	29 3 59.1	4.390	0.332	81.7	309 593 1584	29 3399
9368	7.7	50 35.22	2.4491	0.0013	25 32 6.9	4.391	0.347	75.0	9 obs.	25 3663
9369	9.5	50 49.19	2.4662	0.0012	24 55 24.4	4.411	0.349	85.2	850 1472	24 3583*
9370	8.8	50 54.78	2.3363	0.0014	29 26 16.7	4.419	0.330	81.5	6 obs.[9]	29 3402
9371	9.1	18 50 57.41	+2.4069	+0.0013	+27 1 46.2	+4.422	+0.341	76.1	16 668	27 3161*
9372	8.1	50 59.85	2.3147	0.0014	30 9 5.1	4.426	0.327	82.2	6 obs.[10]	30 3351
9373	9.5	51 2.93	2.3370	0.0014	29 24 57.0	4.430	0.330	73.6	123	— —
9374	9.4	51 9.67	2.4448	0.0013	25 42 2.0	4.440	0.346	82.7	934	25 3664*
9375	9.3	51 10.47	2.4255	0.0013	26 23 4.7	4.441	0.343	80.7	780	— —
9376	9.3	18 51 16.66	+2.4084	+0.0013	+26 59 13.7	+4.450	+0.341	90.7	1467 1733	26 3396
9377	9.1	51 17.74	2.4067	0.0013	27 2 41.3	4.451	0.341	82.5	5 obs.[11]	27 3166
9378	9.3	51 20.30	2.3376	0.0014	29 24 10.6	4.455	0.330	75.7	241 399	29 3404
9379	8.9	51 25.52	2.4248	0.0013	26 24 55.2	4.462	0.343	75.6	6 obs.[12]	26 3398
9380	9.1	51 30.09	2.4350	0.0013	26 3 24.5	4.469	0.344	75.0	120 236 396	26 3400
9381	9.1	18 51 30.20	+2.3325	+0.0014	+29 34 41.4	+4.469	+0.330	86.0	1120 1121 1468	29 3407*
9382	9.0	51 38.04	2.4244	0.0013	26 26 5.5	4.480	0.342	78.3	5 obs.[13]	26 3401
9383	7.0	51 40.49	2.3784	0.0013	28 2 1.1	4.483	0.336	74.3	6 obs.[14]	28 3125
9384	9.4	51 40.86	2.4444	0.0013	25 43 30.5	4.484	0.345	74.3	118 219 231	25 3666
9385	8.8	51 44.66	2.4379	0.0013	25 57 30.7	4.489	0.344	77.3	122 242 1008	25 3667
9386	8.6	18 51 45.11	+2.3302	+0.0014	+29 39 40.0	+4.490	+0.329	79.1	7 obs.	29 3409
9387	9.0	51 46.82	2.3941	0.0013	27 29 48.6	4.492	0.338	74.8	6 obs.[15]	27 3168
9388	9.0	51 49.72	2.3757	0.0013	28 7 49.4	4.497	0.335	78.6	227 672 674 675 676	28 3126
9389	9.0	51 50.70	2.4150	0.0013	26 46 15.3	4.498	0.341	80.7	781	26 3402*
9390	8.6	51 50.71	2.3180	0.0014	30 3 55.1	4.498	0.328	81.4	7 obs.	30 3358
9391	9.3	18 51 53.36	+2.4248	+0.0013	+26 25 34.8	+4.502	+0.342	80.7	781	26 3403*
9392	8.5	51 54.13	2.3282	0.0014	29 43 45.6	4.503	0.329	80.4	597 778 854	29 3410
9393	9.2	51 55.17	2.4261	0.0013	26 22 48.6	4.504	0.342	79.2	306 940	26 3404
9394	8.9	51 56.14	2.4047	0.0013	27 7 47.8	4.506	0.340	78.6	397 665 667	27 3170
9395	9.3	51 56.74	2.4256	0.0013	26 24 3.7	4.507	0.342	77.6	478	— —
9396	8.7	18 51 57.29	+2.4374	+0.0013	+25 58 50.9	+4.507	+0.344	79.9	115 122 1718	25 3670
9397	8.3	51 57.75	2.4415	0.0013	25 50 7.3	4.508	0.345	76.9	310 316 395 666	25 3671
9398	9.1	51 58.42	2.3906	0.0013	27 37 15.0	4.509	0.338	85.7	1205 1206 1207	27 3172*
9399	7.5	52 2.96	2.4388	0.0013	25 55 53.2	4.515	0.344	80.0	7 obs.	25 3672
9400	9.0	52 4.31	2.4151	0.0013	26 46 15.0	4.517	0.341	75.3	18 314 478	26 3405

[1] Z. 117 588 593 597 1468
[2] » 120 236 301 306 1402
[3] » 221 223 396 1304 1399
[4] » 125 135 237 298 399
[5] » 224 1205 1299 1301 1303
[6] Z. 223 237 478 1110 1111 1113
[7] » 124 221 301 1212 1213 1465
[8] Close double; middle
[9] Z. 123 230 597 1112 1307 1585
[10] » 309 591 593 1114 1115 1586
[11] Z. 226 322 1306 1396 1397
[12] » 116 124 229 301 306 779
[13] » 116 229 679 779 939
[14] » 6 14 121 232 300 398
[15] » 8 9 235 238 308 592

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9401	9.1	18h 52m 7s.73	+2s.4596	+0s.0012	+25° 11' 22".9	+4".522	+0".347	83.6	222 1720	25° 3674*
9402	9.0	52 8.89	2.4181	0.0013	26 40 3.8	4.524	0.341	84.7	1109 1110 1113	26 3406
9403	9.0	52 10.28	2.4592	0.0012	25 12 16.9	4.526	0.347	77.1	222 670	25 3675
9404	9.3	52 18.60	2.4383	0.0013	25 57 21.3	4.538	0.344	74.6	219	25 3676*
9405	9.5	52 24.09	2.3184	0.0014	30 3 58.9	4.545	0.328	87.0	1299 1303 1394	30 3361*
9406	9.3	18 52 26.43	+2.3312	+0.0014	+29 38 38.9	+4.549	+0.330	74.9	224 225 241 298	29 3413
9407	9.0	52 31.26	2.3911	0.0013	27 37 0.4	4.556	0.338	76.4	16 235 592 665	27 3176
9408	9.0	52 31.73	2.3940	0.0013	27 30 56.6	4.556	0.338	74.6	226 238	27 3177
9409	9.0	52 39.69	2.3744	0.0013	28 11 29.3	4.568	0.335	74.6	6 14 232 595	28 3131
9410	9.2	52 39.71	2.4671	0.0012	24 55 51.3	4.568	0.348	85.7	1214	24 3594*
9411	9.2	18 52 55.67	+2.4448	+0.0012	+25 44 18.1	+4.590	+0.345	75.7	310	25 3679*
9412	9.2	52 56.12	2.3940	0.0013	27 31 34.4	4.591	0.338	80.7	785 (2)	— —
9413	8.7	52 59.14	2.3231	0.0014	29 55 30.1	4.595	0.328	74.6	117 123 399	29 3416
9414	9.4	53 2.31	2.3803	0.0013	28 0 3.6	4.600	0.336	87.6	397 1734 1830	27 3180
9415	9.0	53 6.57	2.4613	0.0012	25 8 57.0	4.606	0.347	76.6	395	25 3681*
9416	9.0	18 53 6.63	+2.4604	+0.0012	+25 11 7.0	+4.606	+0.347	78.1	395 670	25 3682
9417	7.7	53 7.09	2.3806	0.0013	27 59 39.7	4.606	0.336	75.3	6 obs. [1]	27 3183
9418	9.3	53 11.70	2.3698	0.0013	28 21 55.8	4.613	0.335	78.6	5 obs. [2]	28 3134
9419	9.1	53 12.43	2.3669	0.0013	28 27 51.6	4.614	0.334	85.0	850 1115 1467	28 3135*
9420	9.0	53 15.85	2.3923	0.0013	27 35 35.1	4.619	0.338	78.6	235 668 675 777	27 3184
9421	9.1	18 53 15.95	+2.3567	+0.0013	+28 48 35.2	+4.619	+0.333	85.3	1116 1208 1209	28 3136*
9422	8.5	53 16.80	2.3914	0.0013	27 37 26.1	4.620	0.338	80.1	668 777	27 3185
9423	9.1	53 18.64	2.3165	0.0013	30 9 18.3	4.623	0.327	84.7	1119 1121	30 3368*
9424	9.2[3]	53 19.10	2.3440	0.0013	29 14 25.3	4.624	0.331	74.8	224 225 230 298	29 3419
9425	8.4	53 19.61	2.3936	0.0013	27 33 3.6	4.624	0.338	79.6	592 675 678 779	27 3186
9426	9.3	18 53 20.87	+2.3490	+0.0013	+29 4 10.6	+4.626	+0.332	90.7	1584	— —
9427	9.2	53 21.75	2.3523	0.0013	28 57 43.4	4.627	0.332	85.7	1212 1213	28 3137*
9428	7.8	53 23.54	2.4634	0.0012	25 4 49.2	4.630	0.348	78.0	118 673 776	25 3683
9429	9.1	53 23.74	2.3208	0.0013	30 0 48.3	4.630	0.328	84.7	1114	29 3420*
9430	9.0	53 24.78	2.4455	0.0012	25 43 29.5	4.632	0.345	80.3	310 934 935	25 3684
9431	8.1	18 53 27.86	+2.4408	+0.0012	+25 53 35.7	+4.636	+0.344	79.7	231 853 935	25 3685
9432	9.0	53 29.64	2.4369	0.0012	26 1 57.8	4.639	0.344	73.6	120	— —
9433	9.2	53 36.67	2.4317	0.0012	26 13 14.0	4.649	0.343	75.6	301	— —
9434	8.5	53 36.99	2.4575	0.0012	25 17 57.6	4.649	0.347	81.4	219 934 997 1111	25 3687
9435	8.9	53 39.96	2.3919	0.0013	27 37 0.3	4.653	0.338	88.0	5 obs. [4]	27 3188
9436	9.2	18 53 40.23	+2.3727	+0.0013	+28 16 47.7	+4.653	+0.335	86.0	232 1581 1733	28 3138*
9437	9.4	53 42.21	2.3822	0.0013	27 57 13.6	4.656	0.336	88.7	1468	— —
9438	9.2	53 44.39	2.4332	0.0012	26 10 14.8	4.659	0.343	75.6	306	26 3411*
9439	9.5	53 56.24	2.3820	0.0013	27 57 55.3	4.676	0.336	72.6	16	27 3190*
9440	9.1	53 58.08	2.3467	0.0013	29 9 56.9	4.679	0.330	75.0	123 228 399	29 3422
9441	6.9	18 54 0.15	+2.3217	+0.0013	+30 0 14.2	+4.682	+0.327	75.4	22 241 309 591	29 3423
9442	9.0	54 5.74	2.4006	0.0012	27 19 33.9	4.690	0.339	75.6	8 238 668	27 3193
9443	8.7	54 7.22	2.4663	0.0012	24 59 27.0	4.692	0.348	81.9	122 1108 1109 1112	24 3598
9444	9.3	54 8.63	2.4696	0.0012	24 52 21.6	4.694	0.349	83.1	850 1113	24 3597*
9445	9.2	54 10.81	2.3479	0.0013	29 7 59.6	4.697	0.330	74.0	117 123 241	29 3425
9446	9.0	18 54 12.69	+2.4329	+0.0012	+26 11 35.4	+4.700	+0.343	74.5	18 116 301 306	26 3414
9447	9.3	54 22.80	2.3334	0.0013	29 37 12.7	4.714	0.329	92.6	1719	29 3426*
9448	9.0	54 26.67	2.3330	0.0013	29 38 0.0	4.720	0.329	88.0	593 1720 1734	29 3427
9449	8.6[5]	54 29.40	2.3392	0.0013	29 25 53.6	4.723	0.329	75.4	22 224 309 591	29 3429
9450	9.4	54 33.44	2.3663	0.0013	28 31 6.1	4.729	0.333	76.7	14 595 597	28 3141

[1] Z. 8 9 226 308 398 667
[2] » 14 121 595 674 1466
[3] Close double; south following
[4] Z. 667 930 1723 1724 1726
[5] Very close double; middle

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9451	9.2	18h 54m 36.60	+2.3984	+0.0012	+27° 24′ 45.″1	+4.″734	+0.″337	76.3	226 235 665	27° 3194
9452	8.8	54 36.93	2.4084	0.0012	27 3 56.8	4.734	0.339	75.6	9 592	27 3195
9453	5.6	54 39.94	2.4370	0.0012	26 3 31.0	4.738	0.343	73.9	18 21 120 396	26 3418
9454	9.2	54 44.26	2.3739	0.0013	28 15 38.5	4.744	0.334	80.0	232 398 1466	28 3143
9455	9.3	54 46.72	2.3706	0.0013	28 22 35.3	4.748	0.334	79.4	5 obs. [1]	28 3145
9456	9.2	18 54 50.14	+2.4162	+0.0012	+26 47 53.4	+4.753	+0.340	74.7	236	— —
9457	9.0	54 50.70	2.4324	0.0012	26 13 35.5	4.753	0.342	83.6	229 1721	26 3419*
9458	9.0	54 52.86	2.3332	0.0013	29 38 24.2	4.757	0.329	75.6	298	29 3432
9459	8.0	54 54.22	2.4337	0.0012	26 10 48.0	4.758	0.342	74.6	221 229	26 3420
9460	7.5	54 56.92	2.4165	0.0012	26 47 35.5	4.762	0.340	75.3	223 236 396	26 3421
9461	9.0	18 54 57.58	+2.4666	+0.0011	+25 0 6.3	+4.763	+0.347	75.6	118 122 670	24 3602
9462	8.6	55 1.35	2.4664	0.0011	25 0 35.9	4.769	0.347	76.6	118 670	24 3603
9463	9.3	55 5.14	2.4437	0.0012	25 49 43.5	4.774	0.344	80.3	673 776 779	25 3693
9464	9.0	55 12.23	2.4490	0.0012	25 38 34.0	4.784	0.345	77.6	219 395 853	25 3694
9465	9.2	55 14.03	2.4380	0.0012	26 2 17.4	4.786	0.343	79.1	478 777	26 3423
9466	8.6	18 55 15.62	+2.3462	+0.0013	+29 13 4.5	+4.789	+0.330	78.7	225 241 930 934	29 3434
9467	9.5	55 16.55	2.4377	0.0012	26 2 57.7	4.790	0.343	73.6	116	— —
9468	8.1	55 19.11	2.3561	0.0013	28 53 3.7	4.794	0.331	79.4	126 398 597 1467	28 3146
9469	8.9	55 20.01	2.3973	0.0012	27 28 14.3	4.795	0.337	77.1	16 397 667 679	27 3198
9470	9.0	55 20.04	2.3743	0.0013	28 15 52.7	4.795	0.334	72.5	6	— —
9471	8.4	18 55 20.67	+2.3541	+0.0013	+28 57 8.8	+4.796	+0.331	81.1	5 obs. [2]	28 3148
9472	7.7	55 20.88	2.3673	0.0013	28 30 8.1	4.796	0.333	84.7	1114 1115 1116	28 3147
9473	9.1	55 30.95	2.3338	0.0013	29 38 15.0	4.810	0.329	74.1	117 125 224 230	29 3436*
9474	9.0	55 33.36	2.3367	0.0013	29 32 29.9	4.814	0.329	78.3	233 677 780	29 3437
9475	9.1	55 38.72	2.3402	0.0013	29 25 33.9	4.822	0.329	74.2	135 225	29 3438
9476	9.5	18 55 42.11	+2.4378	+0.0012	+26 3 12.9	+4.826	+0.343	74.7	236	— —
9477	9.1	55 45.97	2.4069	0.0012	27 8 49.6	4.832	0.338	83.2	850 1119	27 3201*
9478	8.7	55 46.97	2.4135	0.0012	26 55 3.1	4.833	0.339	77.0	221 483 592	26 3424
9479	8.2	55 52.71	2.4270	0.0012	26 26 42.6	4.841	0.341	93.3	1733 1828 1830 1833	26 3425
9480	8.5	55 52.78	2.4315	0.0012	26 17 7.4	4.841	0.342	81.4	7 obs.	26 3426
9481	9.0	18 55 54.85	+2.3599	+0.0013	+28 46 8.2	+4.844	+0.332	74.0	14 121 318	28 3151
9482	8.8	56 11.47	2.4248	0.0012	26 31 47.0	4.868	0.341	78.3	240 301 1111	26 3428
9483	8.2	56 12.35	2.4096	0.0012	27 3 52.9	4.869	0.339	74.8	8 9 226 665	27 3203
9484	6.4	56 12.42	2.4365	0.0012	26 6 54.6	4.869	0.343	88.7	1123 1718	26 3429
9485	9.2	56 18.11	2.3264	0.0013	29 54 17.3	4.877	0.327	84.4	861 1208 1209	29 3442*
9486	8.7	18 56 20.63	+2.4337	+0.0012	+26 13 8.9	+4.881	+0.342	75.1	5 obs. [3]	26 3430
9487	7.0	56 20.89	2.3758	0.0013	28 14 5.7	4.881	0.334	75.6	227 300 398	28 3153
9488	6.9	56 26.17	2.3434	0.0013	29 20 30.1	4.889	0.330	76.0	5 obs. [4]	29 3444
9489	9.3	56 26.45	2.4442	0.0012	25 50 39.5	4.889	0.344	82.7	242 1582	25 3702*
9490	8.9[5]	56 30.77	2.4054	0.0012	27 12 57.1	4.895	0.338	74.3	16 238 322	27 3204
9491	9.2	18 56 31.95	+2.4081	+0.0012	+27 7 31.0	+4.897	+0.338	85.7	1214	27 3205*
9492	8.1	56 32.90	2.3503	0.0013	29 6 36.8	4.898	0.331	75.0	22 225 487	29 3445
9493	8.3	56 44.80	2.3849	0.0013	27 56 18.7	4.915	0.335	76.4	235 312 397 589	27 3206
9494	9.2	56 46.66	2.3289	0.0013	29 50 5.7	4.918	0.327	82.6	930	— —
9495	9.0	56 47.82	2.4519	0.0012	25 34 38.8	4.919	0.345	76.5	6 obs. [6]	25 3703
9496	8.4	18 56 48.92	+2.4041	+0.0012	+27 16 15.2	+4.921	+0.337	76.7	238 397 602	27 3207
9497	9.1	56 49.13	2.3814	0.0013	28 3 36.6	4.921	0.335	86.2	1118 1394	28 3155*
9498	9.2	56 50.92	2.3363	0.0013	29 35 22.3	4.924	0.328	87.7	1307 1466	29 3446*
9499	9.1	56 52.52	2.4084	0.0012	27 7 23.9	4.926	0.338	80.7	667 860	27 3208
9500	9.2	56 52.82	2.3301	0.0013	29 47 45.3	4.926	0.327	86.7	1302	29 3447*

[1] Z. 121 674 675 777 1008
[2] » 593 595 672 674 1468
[3] Z. 18 21 116 124 940
[4] » 123 241 298 309 778
[5] Double; south
[6] Z. 115 122 231 310 779 (2)

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9501	9.0	18h 56m 53.50	+2.3594	+0.0013	+28° 48' 48.5	+4.927	+0.332	75.4	6 14 318 781	28° 3156
9502	9.1	56 58.34	2.3287	0.0013	29 50 52.2	4.934	0.327	82.0	117 1205 1302	29 3448
9503	9.2	57 3.97	2.4645	0.0011	25 7 43.2	4.942	0.347	74.9	118 242 314 319	25 3704
9504	9.3	57 7.98	2.3885	0.0012	27 49 20.9	4.948	0.335	78.7	592 595	27 3210
9505	9.4	57 11.67	2.4625	0.0011	25 12 15.6	4.953	0.346	76.6	395	25 3705*
9506	9.0	18 57 16.88	+2.3945	+0.0012	+27 37 12.7	+4.960	+0.336	78.6	5 obs.[1]	27 3212
9507	8.8	57 17.86	2.3942	0.0012	27 37 47.9	4.962	0.336	78.4	226 668 674 675	27 3213
9508	8.5	57 19.07	2.3825	0.0012	28 2 5.9	4.963	0.335	75.9	121 232 476 489	28 3160
9509	9.3	57 19.60	2.3898	0.0012	27 46 57.8	4.964	0.336	80.4	5 obs.[2]	27 3214
9510	9.1	57 26.33	2.4268	0.0012	26 29 15.9	4.973	0.340	75.5	7 obs.	26 3433
9511	9.3	18 57 31.03	+2.3517	+0.0013	+29 5 19.8	+4.980	+0.330	73.6	123	29 3450*
9512	9.5	57 34.78	2.3796	0.0012	28 8 32.9	4.985	0.334	74.6	227	28 3161*
9513	9.3	57 37.74	2.3890	0.0012	27 49 1.2	4.990	0.335	77.7	312 681	— —
9514	9.5	57 39.03	2.3331	0.0013	29 43 15.8	4.992	0.327	74.7	239	29 3451*
9515	9.4	57 43.78	2.4127	0.0012	26 59 35.7	4.998	0.338	88.7	1468	— —
9516	7.9	18 57 46.42	+2.3513	+0.0013	+29 6 43.8	+5.002	+0.330	76.2	5 obs.[3]	29 3453
9517	9.4	57 48.00	2.3794	0.0012	28 9 18.5	5.004	0.334	77.6	126 476 850	28 3162
9518	9.1	57 48.46	2.4111	0.0012	27 3 2.0	5.005	0.338	74.9	8 16 667	27 3216
9519	9.1	57 53.43	2.3767	0.0012	28 15 1.1	5.012	0.333	84.5	6 obs.[4]	28 3164*
9520	9.2	57 55.16	2.4108	0.0012	27 3 54.4	5.014	0.338	81.2	397 589 1119 1121	27 3217
9521	8.9	18 58 2.39	+2.4455	+0.0012	+25 50 8.5	+5.025	+0.343	77.6	219 605 666	25 3709
9522	8.3	58 2.55	2.4657	0.0011	25 6 37.0	5.025	0.346	75.5	7 obs.	25 3708
9523	9.3	58 3.20	2.3447	0.0013	29 20 24.4	5.026	0.329	80.7	778	29 3455*
9524	8.9	58 11.15	2.3773	0.0012	28 14 10.4	5.037	0.333	80.1	7 obs.	28 3166
9525	7.3	58 11.48	2.4510	0.0012	25 38 38.1	5.037	0.344	77.7	310 670	25 3710
9526	9.1	18 58 14.98	+2.4687	+0.0011	+25 0 23.4	+5.042	+0.346	77.3	115 590 673	24 3615
9527	9.4	58 16.82	2.4718	0.0011	24 53 49.3	5.045	0.346	85.7	1208 1209	24 3616*
9528	7.8	58 19.78	2.4448	0.0012	25 52 10.6	5.049	0.343	74.6	219 222	25 3711
9529	7.8	58 21.41	2.3300	0.0013	29 50 35.6	5.051	0.327	75.1	9 obs.	29 3457
9530	9.1	58 23.33	2.3708	0.0012	28 27 59.0	5.054	0.332	84.0	860 861 1465	28 3167*
9531	8.7	18 58 26.92	+2.4682	+0.0011	+25 1 41.0	+5.059	+0.346	84.7	1109 1113	24 3619
9532	9.2	58 28.55	2.3727	0.0012	28 24 6.7	5.061	0.332	86.7	1214 1399	28 3169*
9533	9.5	58 33.13	2.3605	0.0013	28 49 13.4	5.068	0.331	73.7	126	28 3170*
9534	9.1	58 38.40	2.4086	0.0012	27 9 34.4	5.075	0.337	87.7	1395 1400	27 3224
9535	9.5	58 38.59	2.4364	0.0012	26 10 48.5	5.076	0.341	74.1	124 236	— —
9536	8.6	18 58 39.97	+2.3926	+0.0012	+27 43 16.4	+5.078	+0.335	79.8	5 obs.[5]	27 3225
9537	9.0	58 42.35	2.4456	0.0012	25 51 4.0	5.081	0.343	77.5	5 obs.[6]	25 3712
9538	8.9	58 47.81	2.4271	0.0012	26 30 43.8	5.089	0.340	76.5	11 obs.	26 3437
9539	9.2	58 51.77	2.4043	0.0012	27 19 9.7	5.094	0.337	87.7	1396 1405	27 3226*
9540	9.0	59 0.60	2.3628	0.0013	28 45 23.3	5.107	0.331	81.4	6 476 1394 1406	28 3172
9541	8.8	18 59 3.54	+2.4621	+0.0011	+25 16 1.5	+5.111	+0.345	78.4	7 obs.	25 3713
9542	9.0	59 12.46	2.3265	0.0013	29 58 58.0	5.123	0.326	75.6	224 230 233 597	29 3460
9543	9.3	59 19.01	2.4729	0.0011	24 52 35.2	5.133	0.347	84.2	853 1302	24 3621
9544	7.6	59 20.04	2.4099	0.0012	27 8 6.2	5.134	0.337	78.7	9 obs.	27 3228
9545	9.0	59 23.56	2.3717	0.0012	28 27 40.8	5.139	0.332	76.7	8 obs.	28 3174
9546	9.5	18 59 24.35	+2.3343	+0.0013	+29 43 37.0	+5.140	+0.327	75.1	6 obs.[7]	29 3463
9547	8.9	59 29.83	2.4559	0.0012	25 30 12.0	5.148	0.344	79.1	7 obs.	25 3714
9548	9.0	59 31.25	2.4031	0.0012	27 22 49.6	5.150	0.336	80.8	6 obs.[8]	27 3229
9549	9.3	59 33.71	2.4384	0.0012	26 7 48.6	5.153	0.341	75.6	301	26 3438*
9550	9.1	59 33.97	2.4095	0.0012	27 9 21.7	5.154	0.337	77.6	235 592 665	27 3231

[1] Z. 226 668 672 674 675
[2] » 9 235 679 1305 1467
[3] » 123 225 399 487 588
[4] Z. 121 1206 1207 1212 1213 1588
[5] » 9 235 592 1299 1304
[6] » 222 242 605 666 670
[7] Z. 117 123 125 239 399 593
[8] » 226 595 601 602 1205 1468

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9551	8.1	18h 59m 36.37	+2.4533	+0.0012	+25° 36′ 1.″4	+5.″157	+0.344	79.1	9 obs.	25° 3715
9552	9.2	59 37.08	2.3604	0.0013	28 51 13.7	5.158	0.331	81.4	121 781 1206 1207	28 3176*
9553	8.7	59 37.71	2.4379	0.0012	26 9 2.8	5.159	0.341	76.1	6 obs.[1]	26 3439
9554	9.2	59 39.63	2.4088	0.0012	27 10 51.9	5.162	0.337	81.7	601 1119	27 3233*
9555	9.0	59 49.21	2.4372	0.0012	26 10 43.9	5.175	0.341	78.4	7 obs.	26 3441
9556	9.5	18 59 50.92	+2.4739	+0.0011	+24 51 15.9	+5.178	+0.347	78.1	115 590 670 777	24 3627*
9557	9.3	59 53.93	2.3994	0.0012	27 31 4.8	5.182	0.336	84.9	785 1208 1209 1404	27 3234*
9558	7.7	59 56.48	2.4522	0.0011	25 39 0.9	5.186	0.343	75.1	118 310 314 319	25 3717
9559	7.7	59 56.58	2.3856	0.0012	28 0 3.3	5.186	0.334	80.2	8 obs.	27 3235
9560	9.4	59 58.10	2.3997	0.0012	27 30 44.2	5.188	0.336	80.7	785	— —
9561	9.2	19 0 3.60	+2.4187	+0.0012	+26 50 44.1	+5.195	+0.339	74.9	120 132 229 478	26 3442
9562	9.0[2]	0 5.79	2.3599	0.0012	28 53 3.2	5.199	0.330	73.6	17 121 232	28 3180
9563	8.9	0 8.70	2.3982	0.0012	27 33 57.2	5.203	0.336	73.6	8 9 308	27 3237
9564	7.6	0 14.80	2.4500	0.0011	25 44 1.9	5.211	0.343	76.1	219 231 316 666	25 3719
9565	9.0	0 24.71	2.4202	0.0012	26 48 9.2	5.225	0.339	73.6	116 119 120	26 3445*
9566	9.0	19 0 30.02	+2.3496	+0.0012	+29 14 37.1	+5.233	+0.329	75.1	117 123 233 593	29 3467
9567	8.9	0 30.88	2.3517	0.0012	29 10 24.9	5.234	0.329	74.7	6 obs.[3]	29 3468
9568	9.4	0 32.46	2.4675	0.0011	25 6 24.8	5.236	0.345	76.3	122 319 673	25 3720
9569	9.2	0 32.66	2.3413	0.0013	29 31 33.4	5.236	0.327	84.2	940 1213	29 3469
9570	7.9	0 35.83	2.4085	0.0012	27 13 5.1	5.241	0.336	74.3	16 238 322	27 3240
9571	8.0	19 0 37.45	+2.4120	+0.0012	+27 5 43.9	+5.243	+0.337	77.9	127 602 667 675	27 3241
9572	9.0	0 49.78	2.4389	0.0011	26 8 54.4	5.260	0.341	75.2	7 obs.	26 3446
9573	9.0	0 53.45	2.4221	0.0012	26 44 39.9	5.266	0.338	82.6	396 478 1399 1465	26 3447
9574	6.6	0 55.12	2.3355	0.0013	29 43 55.3	5.268	0.326	75.0	5 obs.[4]	29 3472
9575	8.1	0 56.52	2.3529	0.0012	29 8 40.2	5.270	0.329	74.6	224 230 233 239	29 3473
9576	9.2	19 0 56.97	+2.4504	+0.0011	+25 44 21.4	+5.271	+0.342	86.4	1214 1299 1302	25 3723*
9577	8.0	0 57.39	2.3595	0.0012	28 55 23.3	5.271	0.329	78.9	6 398 1405	28 3186
9578	7.8	0 58.54	2.3681	0.0012	28 37 42.6	5.273	0.331	74.8	5 obs.[5]	28 3187
9579	9.3	1 2.04	2.4113	0.0012	27 7 46.9	5.278	0.337	78.7	235 312 397 1406	27 3243
9580	9.0	1 12.83	2.3499	0.0012	29 15 16.0	5.293	0.328	76.3	8 obs.	29 3475
9581	9.0	19 1 18.63	+2.3761	+0.0012	+28 22 1.3	+5.301	+0.332	73.1	14 126	28 3189
9582	9.0	1 22.01	2.4003	0.0012	27 31 40.9	5.306	0.335	79.7	7 obs.	27 3245
9583	9.0	1 28.24	2.4621	0.0011	25 19 33.2	5.315	0 344	77.6	115 122 219 1466	25 3724
9584	9.4	1 30.14	2.4261	0.0012	26 37 11.7	5.317	0.339	79.7	124 483 1400	26 3450
9585	9.0	1 31.11	2.3715	0.0012	28 31 41.5	5.319	0.331	84.7	1110 1111	28 3192
9586	9.5	19 1 32.91	+2.4133	+0.0012	+27 4 27.9	+5.321	+0.337	73.7	127	27 3246*
9587	9.1	1 34.82	2.4274	0.0012	26 34 33.6	5.324	0.339	79.9	306 478 486 1468	26 3451
9588	5.6	1 40.05	2.3744	0.0012	28 25 59.8	5.331	0.332	75.1	17 227 300 476	28 3193
9589	9.2	1 43.42	2.3845	0.0012	28 5 4.7	5.336	0.333	77.7	476 489	28 3194
9590	9.5	1 49.37	2.4720	0.0011	24 58 36.1	5.344	0.345	80.6	777	— —
9591	9.2[6]	19 1 52.27	+2.3998	+0.0012	+27 33 34.6	+5.348	+0.335	76.3	238 312 592	27 3247
9592	8.3	1 54.42	2.4365	0.0011	26 15 44.6	5.351	0.340	75.0	132 236 401	26 3452
9593	8.7	1 57.12	2.3996	0.0012	27 34 6.3	5.355	0.335	75.0	5 obs.[7]	27 3248
9594	8.6	2 3.04	2.3579	0.0012	29 0 30.5	5.363	0.329	74.7	126 232 318	28 3198
9595	8.9	2 5.12	2.4295	0.0012	26 31 5.3	5.366	0.339	73.6	5 obs.[8]	26 3453
9596	9.0	19 2 5.70	+2 4696	+0.0011	+25 4 22.6	+5.367	+0.345	77.3	8 obs.	25 3725
9597	9.3	2 14.78	2.4502	0.0011	25 46 36.1	5.380	0.342	82.7	242 1586	25 3726
9598	8.7	2 15.68	2.4502	0.0011	25 46 43.8	5.381	0.342	80.0	6 obs.[9]	
9599	9.5	2 17.04	2.3859	0.0012	28 3 19.9	5.383	0.333	73.6	121	— —
9600	9.1	2 18.53	2.4708	0.0011	25 2 4.3	5.385	0.345	81.7	316 1112 1113	25 3727*

[1] Z. 119 221 236 240 396 940
[2] Double; larger
[3] Z. 22 135 224 241 309 399
[4] Z. 125 225 239 298 399
[5] » 126 227 232 300 318
[6] Double; north following
[7] Z. 8 9 235 397 592
[8] » 20 21 116 124 306
[9] » 219 242 314 319 1472 1585

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9601	9.5	19h 2m 19s.60	+2s.4273	+0s.0011	+26° 36' 4".4	+5".387	+0".339	72.6	18	26° 3456*
9602	9.2	2 21.23	2.4566	0.0011	25 33 13.0	5.389	0.343	84.7	1114 1115 1116	25 3728*
9603	9.3	2 22.92	2.4589	0.0011	25 28 13.5	5.392	0.343	85.7	1208 1209	25 3729*
9604	9.0	2 23.37	2.3767	0.0012	28 22 30.3	5.392	0.331	77.2	5 obs.[1]	28 3201
9605	9.0	2 37.30	2.3949	0.0012	27 45 2.7	5.412	0.334	73.3	11 16 235	27 3253
9606	9.0	19 2 38.16	+2.3756	+0.0012	+28 25 2.0	+5.413	+0.331	78.7	594	28 3202*
9607	7.6	2 40.25	2.3274	0.0013	30 3 20.1	5.416	0.325	74.1	117 123 125 298	30 3425
9608	9.0	2 48.45	2.4652	0.0011	25 15 2.0	5.427	0.344	78.7	5 obs.[2]	25 3730
9609	9.2	2 53.43	2.4746	0.0011	24 54 40.8	5.434	0.345	85.0	1120 1121 1206	24 3652*
9610	9.0	2 53.45	2.4658	0.0011	25 14 3.6	5.434	0.344	79.0	6 obs.[3]	25 3732*
9611	7.7	19 2 55.52	+2.4497	+0.0011	+25 48 57.8	+5.437	+0.342	79.2	11 obs.	25 3733
9612	9.0	2 56.17	2.3513	0.0012	29 15 30.2	5.438	0.328	77.9	22 135 399 1465	29 3482
9613	8.8	2 58.69	2.3827	0.0012	28 11 16.1	5.442	0.332	77.0	5 obs.[4]	28 3204
9614	8.8	2 59.37	2.4493	0.0011	25 50 0.9	5.443	0.342	80.5	7 obs.	25 3734
9615	8.3[5]	3 1.02	2.3411	0.0012	29 36 16.2	5.445	0.327	74.8	224(2) 225 298	29 3483
9616	9.0	19 3 2.14	+2.3354	+0.0012	+29 47 47.3	+5.447	+0.326	74.7	230 241	29 3484
9617	9.1	3 7.86	2.3502	0.0012	29 18 19.0	5.455	0.328	82.7	233 1582	29 3485*
9618	7.5	3 7.87	2.4674	0.0011	25 10 50.2	5.455	0.344	77.2	231 242 310 1009	25 3735
9619	8.6	3 10.79	2.4524	0.0011	25 43 34.7	5.459	0.342	81.1	219 1405	25 3736
9620	8.0	3 13.72	2.4197	0.0011	26 53 50.7	5.463	0.337	74.9	120 132 306 396	26 3458
9621	9.0	19 3 14.26	+2.3827	+0.0012	+28 11 39.6	+5.464	+0.332	83.1	121 1730	28 3207
9622	9.2	3 25.73	2.3517	0.0012	29 15 38.6	5.480	0.328	90.7	1591	29 3486*
9623	8.9	3 30.45	2.3621	0.0012	28 54 42.5	5.486	0.329	79.0	5 obs.[6]	28 3208
9624	8.9	3 33.05	2.4170	0.0011	26 59 53.8	5.490	0.336	74.6	5 obs.[7]	26 3460
9625	8.5	3 47.67	2.3827	0.0012	28 12 37.2	5.510	0.331	78.6	8 obs.	28 3210
9626	8.7	19 3 54.01	+2.3550	+0.0012	+29 9 53.7	+5.519	+0.327	75.9	117 239 399 593	29 3488
9627	9.0	3 58.12	2.3723	0.0012	28 34 31.3	5.525	0.330	80.1	5 obs.[8]	28 3211
9628	8.6	4 0.65	2.3346	0.0012	29 51 7.2	5.529	0.325	78.9	6 obs.[9]	29 3489
9629	7.0	4 0.91	2.3272	0.0012	30 6 7.1	5.529	0.324	75.1	233 241 298 309	30 3438
9630	8.9	4 1.74	2.4048	0.0011	27 26 43.1	5.530	0.334	74.0	5 obs.[10]	27 3257
9631	7.8	19 4 3.39	+2.4697	+0.0011	+25 7 16.3	+5.533	+0.344	78.3	6 obs.[11]	25 3737
9632	8.6	4 4.25	2.3376	0.0012	29 45 17.4	5.534	0.325	75.0	22 125 604	29 3490
9633	8.4	4 8.51	2.3390	0.0012	29 42 43.9	5.540	0.325	79.2	225 239 604 1466	29 3492
9634	8.7	4 10.47	2.4250	0.0011	26 44 8.0	5.542	0.337	75.4	9 obs.	26 3462
9635	9.3	4 10.80	2.3514	0.0012	29 17 48.7	5.543	0.327	79.0	487 597 778	29 3493
9636	9.3	19 4 12.95	+2.3506	+0.0012	+29 19 16.9	+5.546	+0.327	80.7	778	29 3494*
9637	9.3	4 14.39	2.4312	0.0011	26 31 1.1	5.548	0.338	77.6	478	26 3463*
9638	9.0	4 18.38	2.4414	0.0011	26 9 16.5	5.554	0.339	73.6	18 20 120 306	26 3464
9639	9.5	4 20.92	2.4205	0.0011	26 54 2.2	5.557	0.336	72.6	18	— —
9640	9.3	4 22.34	2.3685	0.0012	28 43 8.3	5.559	0.329	79.2	126 227 677 1472	28 3215
9641	9.2	19 4 28.57	+2.3725	+0.0012	+28 34 51.6	+5.568	+0.330	84.7	1115 1116 1119	28 3216*
9642	9.0	4 35.41	2.4652	0.0011	25 18 5.8	5.577	0.343	85.0	122 1581 1583	25 3739*
9643	8.3	4 38.59	2.3559	0.0012	29 9 25.6	5.582	0.327	76.7	5 obs.[12]	29 3496
9644	9.2	4 40.40	2.3347	0.0012	29 52 29.6	5.584	0.324	84.7	1113	29 3497*
9645	8.7	4 43.39	2.4739	0.0011	24 59 3.8	5.589	0.344	80.7	6 obs.[13]	24 3659
9646	9.2	19 4 43.65	+2.3265	+0.0012	+30 8 51.9	+5.589	+0.323	90.7	1476 1733	30 3444
9647	9.0	4 47.75	2.4538	0.0011	25 43 4.3	5.595	0.341	78.6	9 obs.	25 3740
9648	9.0	4 54.24	2.3989	0.0012	27 40 44.3	5.604	0.333	75.3	6 obs.[14]	27 3260
9649	9.0	4 58.94	2.3811	0.0012	28 18 6.5	5.610	0.331	74.4	5 obs.[15]	28 3219
9650	8.9	5 7.36	2.4501	0.0011	25 51 45.7	5.622	0.341	78.2	118 242 406 1407	25 3741

[1] Z. 14 398 588 597 677
[2] » 118 122 395 1118 1119
[3] » 115 118 122 1011 1108 1109
[4] » 6 17 318 398 1407
[5] Double; preceding
[6] Z. 121 227 588 672 1468
[7] » 21 116 124 301 483
[8] » 232 246 489 1205 1400
[9] » 135 230 593 597 940 1114
[10] » 8 9 16 312 397
[11] Z. 115 222 316 395 776 1467
[12] » 22 117 135 241 1475
[13] » 310 605 679 777(2) 1474
[14] » 11 127 238 308 397 602
[15] » 14 17 232 318 398

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9651	8.8	19h 5m 13s.11	+2s.4657	+0s.0010	+25° 18' 5".5	+5".630	+0".343	78.5	6 obs.[1]	25° 3742
9652	8.8	5 20.70	2.3854	0.0012	28 9 51.2	5.641	0.331	88.3	121 1965 1968	28 3222
9653	9.0	5 21.90	2.3864	0.0012	28 7 48.8	5.642	0.331	75.9	246 300 304 476	28 3223
9654	9.5	5 26.62	2.4631	0.0010	25 24 6.4	5.649	0.342	86.7	1299	25 3743*
9655	9.5	5 26.99	2.4630	0.0010	25 24 20.5	5.650	0.342	87.7	1399	
9656	9.0	19 5 30.31	+2.3274	+0.0012	+30 8 37.6	+5.654	+0.323	82.2	125 1584	30 3450*
9657	9.5	5 32.29	2.3533	0.0012	29 16 22.4	5.657	0.327	82.2	123 1585	29 3500*
9658	9.3	5 32.99	2.3268	0.0012	30 9 55.3	5.658	0.323	75.1	224 230 233 399	30 3451*
9659	8.9	5 38.06	2.3863	0.0012	28 8 32.4	5.665	0.331	77.6	9 obs.	28 3225
9660	9.4	5 42.97	2.3677	0.0012	28 47 9.3	5.672	0.329	80.7	780	28 3226*
9661	9.5	19 5 45.01	+2.4592	+0.0011	+25 32 58.3	+5.675	+0.341	85.7	1207 1208	25 3744*
9662	8.3	5 53.08	2.4694	0.0010	25 10 53.8	5.686	0.342	75.4	5 obs.[2]	25 3745
9663	9.3	5 55.19	2.4140	0.0011	27 10 42.1	5.689	0.335	75.1	8 9 16 939	27 3267
9664	9.3	5 55.64	2.3377	0.0012	29 48 34.4	5.690	0.325	76.0	6 obs.[3]	29 3502
9665	9.3	6 3.64	2.3979	0.0012	27 44 51.6	5.701	0.333	75.3	6 obs.[4]	27 3270
9666	8.6	19 6 5.37	+2.3832	+0.0012	+28 15 48.5	+5.703	+0.331	77.6	14 17 398 1465	28 3227
9667	8.6	6 7.29	2.4758	0.0010	24 57 14.2	5.706	0.343	77.6	118 122 219 1467	24 3668
9668	9.4	6 12.88	2.3621	0.0012	28 59 28.9	5.714	0.328	75.7	318	28 3228*
9669	9.0	6 13.26	2.3409	0.0012	29 42 41.6	5.714	0.325	74.7	239	— —
9670	9.0	6 14.39	2.4206	0.0011	26 57 13.7	5.716	0.336	80.7	783 (2)	26 3470*
9671	9.5	19 6 15.80	+2.3624	+0.0012	+28 59 14.1	+5.718	+0.328	93.3	1475 1966 1967	28 3229
9672	9.5	6 17.11	2.3636	0.0012	28 56 36.0	5.720	0.328	74.6	227 232	28 3230*
9673	9.1[5]	6 17.38	2.4226	0.0011	26 53 5.9	5.720	0.336	75.3	6 obs.[6]	26 3471
9674	9.5	6 17.94	2.3632	0.0012	28 57 32.0	5.721	0.328	74.6	227 232	28 3231*
9675	8.3	6 19.73	2.4420	0.0011	26 11 26.2	5.723	0.339	75.1	120 396	26 3472
9676	8.5	19 6 20.43	+2.4298	+0.0011	+26 37 53.3	+5.724	+0.337	80.3	5 obs.[7]	26 3473
9677	9.4	6 23.50	2.3342	0.0012	29 56 42.8	5.729	0.324	77.4	123 135 233 1400	29 3504
9678	7.4	6 26.54	2.4327	0.0011	26 31 50.1	5.733	0.338	78.7	132 301 478 1404	26 3474
9679	9.4	6 28.05	2.3353	0.0012	29 54 40.0	5.735	0.324	81.9	5 obs.[8]	29 3505
9680	9.0	6 29.39	2.4154	0.0011	27 8 48.0	5.737	0.335	74.8	8 16 127 397 602	27 3274
9681	7.7	19 6 32.01	+2.4454	+0.0011	+26 4 19.0	+5.741	+0.339	80.0	236 401 1472	26 3476
9682	9.0	6 32.06	2.4421	0.0011	26 11 27.9	5.741	0.339	76.3	120 396 601	26 3475
9683	9.2	6 32.15	2.4725	0.0010	25 5 23.9	5.741	0.343	82.1	857 858 941	25 3747*
9684	9.4	6 34.32	2.4751	0.0010	24 59 34.9	5.744	0.343	75.1	5 obs.[9]	24 3670
9685	9.1	6 38.28	2.4083	0.0011	27 24 1.5	5.749	0.334	82.7	940	27 3275*
9686	8.1	19 6 38.38	+2.3422	+0.0012	+29 41 0.8	+5.750	+0.325	78.9	224 233 309 1586	29 3506
9687	6.9	6 39.22	2.4464	0.0011	26 2 32.5	5.751	0.339	78.7	5 obs.[10]	26 3477
9688	9.2	6 48.40	2.3988	0.0012	27 44 28.2	5.763	0.332	82.7	938	27 3277*
9689	9.1	6 52.76	2.4080	0.0011	27 25 6.2	5.770	0.333	84.4	6 obs.[11]	27 3278*
9690	9.2	6 55.82	2.3338	0.0012	29 58 22.5	5.774	0.323	89.2	487 1407 1970 1973	29 3509
9691	9.1	19 6 58.64	+2.4456	+0.0011	+26 4 50.0	+5.778	+0.339	78.0	6 obs.[12]	26 3478
9692	9.2	7 3.31	2.3924	0.0012	27 58 11.1	5.784	0.331	85.7	1205 1206 1212 1213	27 3280
9693	9.5	7 4.87	2.3835	0.0012	28 17 2.7	5.786	0.330	73.6	121	— —
9694	8.7	7 6.64	2.4418	0.0011	26 13 12.1	5.789	0.338	78.2	21 124 301 1591	26 3479
9695	8.8	7 11.16	2.3480	0.0012	29 30 14.2	5.795	0.325	75.5	5 obs.[13]	29 3511
9696	8.8	19 7 17.17	+2.4607	+0.0011	+25 32 28.7	+5.804	+0.341	75.4	8 obs.	25 3748
9697	9.3	7 21.09	2.4637	0.0010	25 25 56.8	5.809	0.341	84.9	940 1207 1208 1209	25 3749*
9698	9.0	7 31.90	2.3342	0.0012	29 58 46.1	5.824	0.323	77.3	5 obs.[14]	29 3513
9699	7.7[15]	7 32.30	2.3295	0.0012	30 8 19.5	5.825	0.322	80.2	230 588 593 1476	30 3464
9700	9.1	7 32.75	2.4421	0.0011	26 13 29.8	5.825	0.338	81.0	301 411 1582	26 3483*

[1] Z. 115 219 314 605 666 1468
[2] » 222 231 316 321 395
[3] » 117 225 241 298 593 598
[4] » 11 127 235 308 312 672
[5] Close double; middle
[6] Z. 21 116 236 306 483 486
[7] » 124 132 401 1471 1473
[8] » 123 487 588 1466 1587
[9] » 115 242 310 314 319
[10] » 20 411 483 486 1474
[11] Z. 941 1113 1114 1115 1116 1119
[12] » 132 236 306 478 601 1405
[13] » 22 135 298 309 677
[14] » 117 125 239 399 1406
[15] Double; south following

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9701	8.2	19h 7m 34.37	+2.3397	+0.0012	+29° 47′ 52.9	+5.827	+0.324	78.9	8 obs.	29° 3514
9702	9.5	7 35.48	2.3706	0.0012	28 44 41.0	5.829	0.328	80.7	779	— —
9703	8.9	7 38.53	2.4083	0.0011	27 25 55.5	5.833	0.333	75.0	6 obs.[1]	27 3285
9704	9.1	7 41.39	2.4044	0.0011	27 34 21.8	5.837	0.333	84.7	1108 1109 1120	27 3286*
9705	9.1	7 47.02	2.3809	0.0011	28 23 44.0	5.845	0.329	75.0	6 obs.[2]	28 3236
9706	9.2	19 7 48.46	+2.3531	+0.0012	+29 21 0.7	+5.847	+0.326	81.7	858	29 3515*
9707	8.6	7 51.09	2.4070	0.0011	27 29 13.8	5.851	0.333	82.3	11 602 1971	27 3287
9708	8.4	7 52.15	2.4365	0.0011	26 26 0.5	5.852	0.337	74.6	18 116 306 396	26 3485
9709	9.0	7 53.04	2.3848	0.0011	28 15 52.7	5.853	0.330	77.9	121 126 318 1468	28 3237
9710	9.2	7 56.83	2.3821	0.0011	28 21 35.0	5.859	0.330	75.3	232 246 398	28 3238
9711	9.4	19 7 59.60	+2.4220	+0.0011	+26 57 28.1	+5.863	+0.335	80.7	783	26 3487*
9712	7.0	8 0.70	2.3629	0.0012	29 1 13.3	5.864	0.327	75.3	126 246 476	28 3240
9713	9.0	8 7.04	2.3805	0.0011	28 25 10.4	5.873	0.329	79.6	6 1302	28 3241*
9714	9.4	8 8.38	2.3796	0.0011	28 27 8.7	5.875	0.329	84.2	857 1299	— —
9715	8.1	8 13.98	2.3392	0.0012	29 50 5.9	5.883	0.324	75.4	135 224 239 598	29 3517
9716	9.0	19 8 14.06	+2.4435	+0.0011	+26 11 36.6	+5.883	+0.338	80.9	124 483 863 1584	26 3488
9717	8.8	8 16.42	2.4082	0.0011	27 27 25.4	5.886	0.333	74.2	7 obs.	27 3290
9718	9.2	8 27.92	2.4752	0.0010	25 2 47.3	5.902	0.343	80.4	319 939 941	25 3754*
9719	8.4	8 28.79	2.3572	0.0012	29 13 47.1	5.903	0.326	75.0	5 obs.[3]	29 3518
9720	9.5	8 30.59	2.3675	0.0012	28 52 48.3	5.906	0.328	89.9	318 1730 1969 1972	28 3243
9721	9.1	19 8 31.26	+2.3521	+0.0012	+29 24 28.9	+5.907	+0.325	84.7	857 1399	29 3519*
9722	9.2	8 32.32	2.3711	0.0012	28 45 33.6	5.908	0.328	80.7	779 780(2)	28 3244*
9723	9.0	8 32.94	2.4491	0.0011	26 0 8.3	5.909	0.339	77.5	6 obs.[4]	25 3755
9724	9.5	8 35.39	2.4436	0.0011	26 12 9.0	5.912	0.338	72.7	21	— —
9725	8.4	8 36.62	2.3676	0.0012	28 52 44.4	5.914	0.328	88.6	227 1965 1968	28 3245
9726	8.9	19 8 38.70	+2.4159	+0.0011	+27 11 44.1	+5.917	+0.334	74.9	9 308 397	27 3298
9727	9.0	8 44.68	2.4426	0.0011	26 14 38.4	5.925	0.338	78.5	7 obs.	26 3490
9728	7.1	8 45.65	2.4618	0.0010	25 32 44.2	5.927	0.340	74.6	115 118 242 395	25 3757
9729	9.5	8 51.27	2.3678	0.0012	28 52 45.0	5.935	0.328	76.2	5 obs.[5]	28 3248
9730	9.1	9 4.49	2.3516	0.0012	29 26 33.8	5.953	0.325	84.0	939 1112 1113	29 3522*
9731	8.9	19 9 6.15	+2.4170	+0.0011	+27 10 5.5	+5.956	+0.334	76.2	8 obs.	27 3302
9732	9.1[6]	9 7.99	2.4433	0.0011	26 13 35.6	5.958	0.338	84.0	940 1114 1116	26 3491*
9733	9.2	9 8.75	2.4751	0.0010	25 4 9.9	5.959	0.342	82.7	938	25 3758*
9734	8.7	9 10.28	2.4272	0.0011	26 48 28.2	5.961	0.336	77.9	116 132 396 1407	26 3492
9735	8.6	9 20.44	2.3802	0.0011	28 28 11.9	5.975	0.329	77.6	13 121 318 1466	28 3250
9736	9.5	19 9 29.19	+2.3468	+0.0012	+29 37 19.3	+5.987	+0.324	77.7	487	— —
9737	7.8	9 29.51	2.3315	0.0012	30 8 8.8	5.988	0.322	80.8	6 obs.[7]	30 3479
9738	8.8	9 34.07	2.3453	0.0012	29 40 21.5	5.994	0.323	75.7	5 obs.[8]	29 3524
9739	9.2	9 34.47	2.3903	0.0011	28 7 34.6	5.995	0.330	76.6	398	28 3252*
9740	8.8	9 38.05	2.3493	0.0012	29 32 31.1	6.000	0.324	78.7	6 obs.[9]	29 3525
9741	9.0	19 9 39.15	+2.3608	+0.0012	+29 8 57.2	+6.001	+0.325	77.4	125 593 603 604	29 3526
9742	8.5	9 39.29	2.3496	0.0012	29 31 46.1	6.001	0.324	79.9	5 obs.[10]	29 3527
9743	9.0[11]	9 40.14	2.3744	0.0012	28 40 53.1	6.002	0.327	73.1	17 126	28 3253
9744	9.0	9 40.71	2.4616	0.0010	25 34 49.1	6.003	0.340	75.5	5 obs.[12]	25 3761
9745	8.0	9 42.24	2.4359	0.0011	26 30 50.0	6.006	0.336	74.5	5 obs.[13]	26 3496
9746	9.0	19 9 44.96	+2.4120	+0.0011	+27 21 59.1	+6.009	+0.332	74.9	16 238 303 397	27 3304
9747	9.4	9 46.25	2.4243	0.0011	26 55 45.9	6.011	0.334	80.7	783	26 3497*
9748	8.9	9 53.02	2.4768	0.0010	25 1 48.3	6.021	0.342	75.4	7 obs.	25 3762
9749	7.2	9 58.54	2.4016	0.0011	27 44 39.8	6.028	0.331	84.9	9 322 1970 1971	27 3307
9750	7.9	9 59.79	2.3892	0.0011	28 10 44.1	6.030	0.329	75.9	227 232 246 677	28 3257

[1] Z. 9 235 238 303 312 397
[2] » 13 14 17 304 398 677
[3] » 22 117 123 399 588
[4] » 122 222 316 321 406 1475
[5] » 14 227 476 489 589
[6] Double; south following
[7] Z. 224 230 233 309 1727 1729
[8] » 123 135 241 487 588
[9] » 22 239 593 597 598 1477
[10] » 22 239 324 1406 1472
[11] Double; middle
Prec. star 39.80 53.9 1882.2 Z. 304 1474
[12] Z. 122 138 242 406 590
[13] » 18 21 236 240 483

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
9751	8.0	19h 10m 3s.21	+2s.3564	+0s.0012	+29° 18′ 38″.4	+6″.035	+0″.325	78.4	117 241 399 1476	29° 3529
9752	9.1	10 12.38	2.4714	0.0010	25 14 14.3	6.048	0.341	75.3	6 obs.[1]	25 3764
9753	9.0	10 16.37	2.4463	0.0010	26 9 24.6	6.053	0.337	75.0	6 obs.[2]	26 3498
9754	9.2	10 16.47	2.4648	0.0010	25 28 58.1	6.053	0.340	82.1	857 858 939	25 3765*
9755	9.3	10 20.53	2.3738	0.0012	28 43 31.2	6.059	0.327	80.7	779(2)	28 3258*
9756	8.9	19 10 23.00	+2.4633	+0.0010	+25 32 21.6	+6.062	+0.340	74.3	118 122 310	25 3767
9757	9.5	10 26.02	2.4785	0.0010	24 58 57.4	6.067	0.342	83.2	854 1120	24 3695*
9758	8.9	10 30.58	2.4642	0.0010	25 30 38.8	6.073	0.340	75.8	6 obs.[3]	25 3768
9759	9.0	10 32.97	2.3522	0.0012	29 28 17.3	6.076	0.324	79.2	125 324 588 1467	29 3532
9760	9.0	10 33.36	2.3405	0.0012	29 52 4.7	6.077	0.323	78.7	135 230 487 1475	29 3533
9761	8.7	19 10 34.03	+2.3970	+0.0011	+27 55 39.5	+6.078	+0.330	75.7	127 235 308 601	27 3308
9762	9.0[4]	10 41.94	2.3604	0.0012	29 11 45.1	6.089	0.325	77.7	7 obs.	29 3534
9763	8.0	10 41.94	2.3688	0.0012	28 54 22.7	6.089	0.326	73.6	13 14 121 304	28 3260
9764	8.8	10 42.49	2.3734	0.0012	28 45 5.4	6.089	0.327	77.9	232 318 476 780(2)	28 3261
9765	8.7	10 45.95	2.3854	0.0011	28 20 18.8	6.094	0.329	76.1	246 328 489	28 3262
9766	8.9	19 10 49.00	+2.3728	+0.0012	+28 46 29.0	+6.099	+0.327	77.6	476	28 3263*
9767	9.3	10 50.63	2.4029	0.0011	27 43 23.4	6.101	0.331	82.7	238 1581	27 3311*
9768	9.3	10 51.12	2.4167	0.0011	27 14 10.7	6.102	0.333	75.7	312	— —
9769	9.0	10 53.52	2.3817	0.0011	28 28 7.1	6.105	0.328	75.4	126 246 489	28 3264
9770	7.0	10 54.80	2.4167	0.0011	27 14 12.1	6.107	0.333	75.9	16 312 397 589	27 3313
9771	6.1	19 10 58.94	+2.4036	+0.0011	+27 42 23.7	+6.112	+0.331	76.1	6 obs.[5]	27 3314
9772	9.2	11 1.37	2.4441	0.0010	26 15 28.5	6.116	0.337	84.0	941 1115 1116	26 3503*
9773	7.4	11 4.25	2.4334	0.0011	26 38 57.1	6.120	0.335	74.4	116 132 236 306	26 3504
9774	8.8	11 7.90	2.4571	0.0010	25 47 22.5	6.125	0.339	76.5	5 obs.[6]	25 3770
9775	8.2	11 12.40	2.3937	0.0011	28 3 36.3	6.131	0.330	74.9	5 obs.[7]	28 3268
9776	9.1	19 11 23.29	+2.4723	+0.0010	+25 14 32.6	+6.146	+0.341	77.6	7 obs.	25 3771
9777	9.0	11 26.95	2.4667	0.0010	25 26 53.5	6.151	0.340	77.2	138 411 590 666	25 3772
9778	8.8	11 28.43	2.4441	0.0010	26 16 11.7	6.153	0.337	73.6	21 120 229	26 3506
9779	9.3	11 30.75	2.3386	0.0012	29 57 59.2	6.157	0.322	74.3	135 224 233	29 3537*
9780	9.5	11 30.87	2.4433	0.0010	26 18 9.8	6.157	0.337	73.6	120	— —
9781	8.8	19 11 39.36	+2.4259	+0.0011	+26 56 8.2	+6.168	+0.334	75.6	5 obs.[8]	26 3507
9782	9.5	11 50.04	2.3673	0.0012	28 59 53.9	6.183	0.326	73.6	121	— —
9783	9.0	11 53.79	2.4202	0.0011	27 8 49.0	6.188	0.333	75.6	6 obs.[9]	27 3321
9784	8.7	11 57.21	2.4357	0.0011	26 35 31.8	6.193	0.335	74.0	6 obs.[10]	26 3509
9785	9.0	12 3.76	2.4538	0.0010	25 56 27.0	6.202	0.338	75.7	231 316 321 395	25 3778
9786	8.1	19 12 19.04	+2.3804	+0.0012	+28 33 45.3	+6.223	+0.328	74.2	7 obs.	28 3275
9787	8.7	12 19.69	2.3500	0.0012	29 36 35.0	6.224	0.324	75.8	8 obs.	29 3542
9788	7.8	12 20.92	2.4792	0.0010	25 0 50.5	6.226	0.341	76.7	219 242 319 857	24 3706
9789	9.1	12 25.87	2.4414	0.0010	26 24 7.0	6.233	0.336	75.9	132 236 478 486	26 3511
9790	9.1	12 29.58	2.3435	0.0012	29 50 16.5	6.238	0.322	82.8	941	29 3543*
9791	9.3	19 12 29.82	+2.4416	+0.0010	+26 23 45.8	+6.238	+0.336	77.6	478	— —
9792	9.0	12 30.87	2.4049	0.0011	27 42 36.2	6.240	0.331	75.3	127 303 397	27 3324
9793	9.3	12 32.02	2.3748	0.0012	28 45 59.3	6.241	0.326	80.7	780	28 3276*
9794	8.7	12 35.96	2.4629	0.0010	25 37 36.5	6.247	0.339	75.0	115 242 406	25 3779
9795	8.8	12 37.01	2.4069	0.0011	27 38 34.1	6.248	0.331	82.2	322 1477	27 3326
9796	8.8	19 12 39.06	+2.4265	+0.0011	+26 56 49.5	+6.251	+0.333	73.9	18 124 220 240	26 3513
9797	8.0	12 42.69	2.4762	0.0010	25 8 13.6	6.256	0.341	75.4	118 310 314 395	25 3780
9798	9.0	12 43.23	2.4076	0.0011	27 37 22.0	6.257	0.331	76.5	6 obs.[11]	27 3327
9799	9.0	12 47.56	2.3972	0.0011	27 59 22.4	6.263	0.329	74.3	8 238 319	27 3328
9800	9.2	12 58.13	2.4084	0.0011	27 36 15.2	6.278	0.331	75.7	322	27 3331*

[1] Z. 115 231 316 319 321 406
[2] » 116 120 124 301 306 486
[3] » 118 122 138 310 395 858
[4] Double; larger
[5] Z. 8 11 303 595 601 602
[6] » 219 406 410 411 490
[7] » 17 121 304 328 398
[8] » 124 220 240 483 486
[9] Z. 9 16 235 308 587 678
[10] » 18 21 116 132 301 306
[11] » 11 235 312 322 601 854

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9801	9.5	19h 13m 2s.48	+2s.3479	+0s.0012	+29° 42' 8".2	+6".284	+0".322	90.7	1586	— —
9802	9.1	13 6.39	2.3445	0.0012	29 49 30.9	6.289	0.322	83.7	5 obs.[1]	29° 3546*
9803	8.8	13 8.38	2.4544	0.0010	25 57 7.8	6.292	0.337	77.8	6 obs.[2]	25 3784
9804	8.8	13 8.69	2.3523	0.0012	29 33 35.1	6.292	0.323	75.0	123 239 399	29 3548
9805	9.0	13 8.99	2.4135	0.0011	27 25 32.7	6.293	0.331	74.8	5 obs.[3]	27 3333
9806	8.9	19 13 13.53	+2.4550	+0.0010	+25 56 0.0	+6.299	+0.337	76.7	7 obs.	25 3785
9807	7.3	13 20.94	2.4579	0.0010	25 49 50.2	6.309	0.338	77.5	6 obs.[4]	25 3786
9808	8.0	13 33.62	2.3477	0.0012	29 43 49.1	6.327	0.322	75.3	6 obs.[5]	29 3550
9809	9.1	13 34.45	2.3543	0.0012	29 30 17.3	6.328	0.323	86.9	5 obs.[6]	29 3551*
9810	9.0	13 52.68	2.3785	0.0012	28 41 3.3	6.353	0.326	75.2	10 obs.	28 3282
9811	9.3	19 13 56.12	+2.3911	+0.0011	+28 14 36.6	+6.358	+0.328	77.7	489	— —
9812	9.0	13 58.88	2.4030	0.0011	27 49 40.6	6.361	0.330	76.5	7 obs.[7]	27 3339
9813	6.8	14 2.34	2.4253	0.0011	27 1 59.6	6.367	0.333	78.9	10 obs.	27 3340
9814	7.3	14 6.32	2.4346	0.0011	26 42 14.7	6.372	0.334	74.8	7 obs.	26 3521
9815	9.0	14 8.33	2.4538	0.0010	26 0 23.5	6.375	0.337	79.2	9 obs.	25 3790
9816	9.4	19 14 10.73	+2.3401	+0.0012	+30 0 52.6	+6.378	+0.321	94.6	1734 1965 1969	29 3555
9817	9.4	14 12.34	2.3825	0.0011	28 33 26.6	6.380	0.327	89.0	318 1966 1967	28 3285
9818	9.1	14 14.84	2.4760	0.0010	25 11 37.0	6.384	0.339	82.1	858 863 941	25 3791*
9819	9.0	14 20.33	2.4175	0.0011	27 19 32.2	6.391	0.332	73.3	8 9 16 308	27 3342
9820	9.4	14 21.90	2.3684	0.0011	29 3 2.2	6.394	0.325	75.4	123 233 241 604	— —
9821	9.2	19 14 31.49	+2.3889	+0.0011	+28 20 21.1	+6.407	+0.327	80.7	246 938 1115	28 3288
9822	9.5	14 46.52	2.4282	0.0011	26 57 22.4	6.428	0.332	73.7	18 124 132 240	26 3523
9823	9.2	14 46.64	2.3760	0.0011	28 48 6.2	6.428	0.325	80.7	780(2) 783	28 3289*
9824	9.4	14 53.84	2.3638	0.0011	29 13 41.9	6.437	0.324	79.7	681	— —
9825	8.9	14 54.12	2.4322	0.0011	26 48 51.3	6.438	0.333	74.6	120 229 236 306	26 3524
9826	8.9	19 14 56.98	+2.4376	+0.0011	+26 37 12.4	+6.442	+0.334	76.0	240 301 486	26 3525
9827	9.4	14 57.29	2.4479	0.0010	26 14 54.5	6.442	0.335	86.3	132 1730 1733	26 3526
9828	8.9	14 58.22	2.3713	0.0011	28 58 21.7	6.444	0.325	74.7	121 126 318 328	28 3292
9829	8.2	14 59.02	2.3896	0.0011	28 19 56.2	6.445	0.327	75.5	7 obs.	28 3293
9830	8.7	15 0.18	2.3918	0.0011	28 15 26.5	6.446	0.327	78.9	8 obs.[8]	28 3294
9831	7.5	19 15 1.90	+2.4433	+0.0010	+26 24 55.3	+6.449	+0.334	81.6	220 396 1302 1472	26 3527
9832	7.5	15 2.20	2.4429	0.0010	26 25 50.2	6.449	0.334	81.7	229 396 1304 1477	26 3528
9833	9.2	15 7.01	2.4270	0.0011	27 0 33.2	6.456	0.332	78.2	6 obs.[9]	26 3529
9834	9.0	15 7.10	2.3827	0.0011	28 34 45.5	6.456	0.326	75.8	6 obs.[10]	28 3295
9835	7.9	15 7.90	2.4083	0.0011	27 40 41.5	6.457	0.329	75.8	10 obs.	27 3348
9836	9.0	19 15 8.16	+2.4849	+0.0010	+24 53 39.8	+6.457	+0.340	87.4	857 939 1727 1729	24 3717
9837	9.2	15 9.01	2.3706	0.0011	29 0 0.8	6.459	0.324	73.6	117 121	28 3296*
9838	9.0	15 13.00	2.3835	0.0011	28 33 16.1	6.464	0.326	72.6	17	28 3297*
9839	9.0	15 17.86	2.4473	0.0010	26 17 2.6	6.471	0.335	79.3	9 obs.	26 3530
9840	9.0	15 20.77	2.3638	0.0011	29 14 34.5	6.475	0.324	79.7	681	— —
9841	9.1	19 15 22.86	+2.3580	+0.0011	+29 26 42.4	+6.478	+0.323	82.2	123 1587	— —
9842	9.0	15 26.94	2.4797	0.0010	25 5 41.6	6.483	0.340	74.5	7 obs.	25 3797
9843	9.0	15 27.32	2.3577	0.0011	29 27 36.4	6.484	0.323	78.0	123 135 324 1475	29 3560
9844	9.4	15 31.30	2.3852	0.0011	28 30 30.1	6.489	0.326	80.7	785	— —
9845	8.9	15 32.65	2.3602	0.0011	29 22 30.5	6.491	0.322	74.7	125 233 309	29 3561
9846	9.4	19 15 37.66	+2.4854	+0.0010	+24 53 28.7	+6.498	+0.340	82.1	854 856 940	24 3721*
9847	9.4	15 50.98	2.4857	0.0010	24 53 10.5	6.516	0.340	81.7	856	— —
9848	9.3	15 51.60	2.3433	0.0012	29 57 56.4	6.517	0.320	78.2	9 obs.	29 3564
9849	9.3	15 56.43	2.3416	0.0012	30 1 28.8	6.524	0.320	82.4	863 934 935	29 3565*
9850	9.4[11]	16 0.68	2.4496	0.0010	26 13 22.8	6.530	0.335	82.1	116 1584	— —

[1] Z. 858 939 1110 1111 1114
[2] » 122 138 310 316 666 1467
[3] » 9 16 238 308 595
[4] » 115 219 321 406 411 1407
[5] Z. 117 125 233 309 324 604
[6] » 135 1475 1581 1582 1583
[7] » 11 235 312 397 587 602(2)
[8] » 13 485 489 778(2) 781(2) 782
[9] Z. 18 410 411 478 483 1404
[10] » 15 17 328 398 588 589
[11] A faint nebula

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9851	9.0	19h 16m 4.38	+2.3850	+0.0011	+28° 31′ 58.8	+6.535	+0.326	75.6	5 obs.[1]	28° 3299
9852	9.4	16 10.60	2.4231	0.0011	27 11 12.0	6.544	0.331	75.7	322	27 3353*
9853	9.0	16 16.05	2.4051	0.0011	27 49 54.4	6.551	0.329	76.3	8 obs.	27 3354
9854	9.3	16 18.62	2.3860	0.0011	28 30 26.8	6.555	0.326	76.6	398	— —
9855	7.1	16 18.71	2.4731	0.0010	25 22 9.6	6.555	0.338	79.2	310 314 395 1474	25 3802
9856	9.2	19 16 24.65	+2.3462	+0.0012	+29 53 13.9	+6.563	+0.320	78.7	598	— —
9857	8.6	16 27.39	2.3556	0.0012	29 33 54.8	6.567	0.322	75.3	6 obs.[2]	29 3566
9858	7.5	16 29.81	2.4741	0.0010	25 20 22.1	6.570	0.338	76.5	9 obs.	25 3803
9859	9.3	16 32.49	2.3818	0.0011	28 39 41.9	6.574	0.325	80.7	779(2)	28 3301*
9860	7.7	16 34.81	2.4453	0.0010	26 24 3.3	6.577	0.334	76.2	9 obs.	26 3533
9861	8.8	19 16 38.38	+2.3440	+0.0012	+29 58 5.0	+6.582	+0.320	77.3	10 obs.	29 3567
9862	8.8	16 39.11	2.4231	0.0011	27 12 15.4	6.583	0.331	74.9	11 16 303 587	27 3357
9863	8.9	16 39.81	2.4770	0.0010	25 14 15.9	6.584	0.338	75.4	5 obs.[3]	25 3805
9864	8.5	16 45.11	2.3414	0.0012	30 3 44.4	6.591	0.320	82.7	934 935	30 3523
9865	7.7	16 45.47	2.3395	0.0012	30 7 42.6	6.591	0.320	92.2	6 obs.[4]	30 3524
9866	7.2	19 16 46.92	+2.3530	+0.0012	+29 40 11.0	+6.594	+0.321	81.9	6 obs.[5]	29 3568
9867	9.0	16 48.67	2.4164	0.0011	27 27 5.6	6.596	0.330	82.1	855 858 938	27 3358*
9868	9.3	16 49.06	2.3851	0.0011	28 33 29.5	6.597	0.326	77.0	7 obs.	28 3303
9869	9.4	16 49.50	2.4846	0.0010	24 57 32.8	6.597	0.339	83.7	941 1118	24 3723*
9870	9.2	16 50.30	2.4315	0.0011	26 54 30.5	6.598	0.332	77.6	478	— —
9871	9.5	19 16 52.63	+2.3848	+0.0011	+28 34 12.5	+6.601	+0.326	77.6	476	— —
9872	9.0	17 2.63	2.4631	0.0010	25 45 50.1	6.615	0.336	75.9	5 obs.[6]	25 3808
9873	8.2	17 7.05	2.3466	0.0012	29 53 57.3	6.621	0.320	79.0	8 obs.	29 3571
9874	9.2	17 11.42	2.3665	0.0011	29 13 10.9	6.627	0.323	79.7	680 681 687	— —
9875	9.5	17 17.02	2.3863	0.0011	28 31 53.1	6.635	0.326	72.5	7	— —
9876	9.0	19 17 26.25	+2.3747	+0.0011	+28 56 42.3	+6.648	+0.324	75.4	8 obs.	28 3306
9877	8.0	17 28.19	2.4317	0.0011	26 55 21.1	6.650	0.332	74.3	9 obs.	26 3534
9878	9.1	17 29.84	2.3385	0.0012	30 11 15.6	6.653	0.319	92.6	1727 1729	30 3533
9879	9.4	17 30.95	2.3950	0.0011	28 14 7.2	6.654	0.327	80.7	778(2) 782	— —
9880	9.3	17 33.53	2.4110	0.0011	27 39 57.5	6.658	0.329	82.7	235 1583	27 3362*
9881	9.2	19 17 35.07	+2.4161	+0.0011	+27 29 22.2	+6.660	+0.329	81.7	855	27 3363*
9882	8.7	17 36.72	2.4819	0.0009	25 5 13.5	6.662	0.339	78.1	5 obs.[7]	25 3810
9883	9.2	17 38.22	2.4504	0.0010	26 15 1.0	6.664	0.334	82.2	124 1586	26 3535*
9884	9.4	17 42.56	2.3576	0.0012	29 32 41.0	6.670	0.321	83.7	858 940 1305	29 3572
9885	5.4	17 43.77	2.4567	0.0010	26 1 25.8	6.672	0.335	77.8	7 obs.	25 3811
9886	9.2	19 17 44.66	+2.3938	+0.0011	+28 17 8.7	+6.673	+0.326	80.7	781	28 3308*
9887	9.2	17 45.61	2.4781	0.0009	25 13 56.0	6.674	0.338	80.3	219 590 1407	25 3812
9888	8.7	17 49.17	2.3526	0.0012	29 43 19.0	6.679	0.321	91.0	1405 1730 1733	29 3573
9889	9.5	17 50.96	2.3687	0.0011	29 10 5.7	6.682	0.323	82.7	936	— —
9890	9.5	17 50.97	2.3584	0.0012	29 31 27.1	6.682	0.322	81.7	860	29 3574*
9891	9.2	19 17 51.39	+2.3869	+0.0011	+28 32 0.7	+6.682	+0.325	80.7	785	28 3310*
9892	9.1	17 52.20	2.3662	0.0011	29 15 11.7	6.683	0.322	79.7	679	— —
9893	9.4	17 52.39	2.3581	0.0012	29 32 0.9	6.684	0.321	81.3	5 obs.[8]	29 3575
9894	7.6	17 53.33	2.3436	0.0012	30 1 53.4	6.685	0.320	80.2	8 obs.	29 3576
9895	9.4	17 55.88	2.3792	0.0011	28 48 23.1	6.689	0.324	80.7	780(2) 783	— —
9896	8.7	19 18 0.28	+2.4662	+0.0010	+25 40 56.9	+6.695	+0.336	78.4	118 310 319 1466	25 3813
9897	9.0	18 3.44	2.3741	0.0011	28 59 21.7	6.699	0.323	72.6	17	— —
9898	9.2	18 4.01	2.4752	0.0009	25 21 5.0	6.700	0.338	88.7	1475	25 3814*
9899	9.4	18 6.32	2.4333	0.0010	26 53 15.7	6.703	0.331	76.0	6 obs.[9]	26 3536
9900	9.4	18 11.74	2.3556	0.0012	29 38 3.9	6.710	0.321	79.7	681	— —

[1] Z. 13 15 304 398 785
[2] » 22 117 233 307 309 685
[3] » 115 219 242 406 490
[4] Z. 1115 1476 1730 1965 1966 1968
[5] » 309 598 676 677 1471 1473
[6] » 118 242 316 411 590
[7] Z. 138 231 410 490 1404
[8] » 676 685 859 938 941
[9] » 21 116 229 306 483 854

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9901	9.0	19h 18m 12s.09	+2s.3894	+0s.0011	+28° 27' 27".0	+6".711	+0".325	74.2	13 14 318 328	28° 3312
9902	9.3	18 15.58	2.3664	0.0011	29 15 46.0	6.716	0.322	80.4	117 679 687 1474	29 3579
9903	9.4	18 17.87	2.3580	0.0012	29 33 10.3	6.719	0.321	79.7	680	— —
9904	9.3	18 26.99	2.3580	0.0012	29 33 27.5	6.731	0.321	78.7	597	29 3581*
9905	9.4	18 33.70	2.3792	0.0011	28 49 49.4	6.741	0.324	80.7	783	— —
9906	8.6	19 18 38.43	+2.4101	+0.0011	+27 44 38.0	+6.747	+0.328	76.5	7 obs.[1]	27 3369
9907	9.0[2]	18 39.24	2.4163	0.0011	27 31 16.0	6.748	0.329	74.1	6 obs.[3]	27 3367
9908	8.9	18 39.49	2.3995	0.0011	28 7 9.6	6.749	0.327	92.6	1727 1729	28 3315
9909	9.5	18 45.02	2.3692	0.0011	29 11 6.4	6.756	0.322	81.7	856	— —
9910	9.5	18 48.23	2.3850	0.0011	28 38 5.4	6.760	0.324	80.7	779	— —
9911	9.4	19 18 48.94	+2.3702	+0.0011	+29 9 12.0	+6.761	+0.322	82.7	936	— —
9912	9.1	18 50.12	2.4567	0.0010	26 3 33.6	6.763	0.335	84.0	857 939 1208 1209	26 3537*
9913	9.0	18 52.25	2.4165	0.0011	27 31 10.2	6.766	0.329	75.7	312	27 3373*
9914	9.5	18 57.18	2.3666	0.0011	29 16 58.8	6.773	0.322	82.2	135 1584	— —
9915	9.2	18 59.87	2.4890	0.0009	24 52 3.3	6.777	0.338	81.7	858	*24 3733**
9916	9.1	19 19 0.06	+2.3762	+0.0011	+28 56 57.2	+6.777	+0.323	77.0	6 obs.[4]	28 3317*
9917	9.3	19 1.24	2.4299	0.0010	27 2 34.0	6.778	0.331	81.3	8 obs.	27 3376
9918	9.0	19 3.63	2.3739	0.0011	29 2 5.2	6.782	0.323	75.7	5 obs.[5]	29 3583
9919	9.2	19 7.06	2.4857	0.0009	24 59 42.9	6.786	0.338	82.1	855 861 938	24 3735*
9920	9.3	19 7.88	2.4159	0.0011	27 33 6.0	6.787	0.329	86.7	1302	27 3378*
9921	5.2	19 19 11.87	+2.3641	+0.0011	+29 22 41.2	+6.793	+0.321	80.6	6 obs.[6]	29 3584
9922	9.5	19 12.91	2.3452	0.0012	30 1 35.4	6.794	0.319	81.7	786 934	29 3585*
9923	8.9	19 13.25	2.4321	0.0010	26 58 17.2	6.795	0.331	77.8	9 obs.	26 3539
9924	9.5	19 14.20	2.4199	0.0010	27 24 41.1	6.796	0.329	75.7	322	— —
9925	9.5	19 14.85	2.4891	0.0009	24 52 19.3	6.797	0.338	82.2	860 940	— —
9926	8.9	19 19 15.38	+2.4558	+0.0010	+26 6 28.6	+6.798	+0.334	81.5	6 obs.[7]	26 3540
9927	9.5	19 18.87	2.4731	0.0009	25 28 30.1	6.803	0.336	73.6	122	— —
9928	7.0	19 21.51	2.4079	0.0011	27 50 38.7	6.806	0.327	76.9	238 303 585 587	27 3379
9929	7.5	19 22.47	2.3941	0.0011	28 20 12.3	6.808	0.326	74.0	6 obs.[8]	28 3319
9930	9.2	19 24.91	2.4076	0.0011	27 51 26.3	6.811	0.327	77.1	303 585	— —
9931	9.1	19 19 25.98	+2.4557	+0.0010	+26 7 6.6	+6.812	+0.334	74.3	120 220 240	26 3543
9932	9.4	19 26.32	2.4890	0.0009	24 53 0.0	6.813	0.338	84.7	860 1400	24 3736*
9933	9.0	19 29.46	2.4141	0.0011	27 37 49.2	6.817	0.328	77.9	308 589 601 602	27 3380
9934	9.4	19 29.84	2.3957	0.0011	28 17 6.2	6.818	0.325	80.7	781 (2)	— —
9935	8.8	19 36.46	2.4398	0.0010	26 42 22.1	6.827	0.332	78.4	229 236 301 1467	26 3544
9936	9.0	19 19 36.72	+2.4335	+0.0010	+26 56 6.3	+6.827	+0.330	78.9	5 obs.[9]	26 3545
9937	8.7	19 41.01	2.3787	0.0011	28 53 26.4	6.833	0.323	78.9	5 obs.[10]	28 3320
9938	9.3	19 46.43	2.3703	0.0011	29 11 17.7	6.840	0.322	83.0	307 936 1588	— —
9939	9.0	19 49.13	2.4526	0.0010	26 14 41.9	6.844	0.333	78.2	116 124 486 1406	26 3546
9940	9.0	19 49.14	2.3843	0.0011	28 41 51.3	6.844	0.324	75.1	7 485	28 3321*
9941	9.1	19 19 49.74	+2.3845	+0.0011	+28 41 30.0	+6.845	+0.324	82.7	485 1405	28 3322
9942	9.3	19 50.26	2.4152	0.0011	27 36 6.7	6.846	0.328	76.7	402	27 3383*
9943	9.0	19 52.87	2.4224	0.0010	27 20 45.9	6.849	0.329	76.1	6 obs.[11]	27 3384
9944	9.0	19 55.54	2.4474	0.0010	26 26 36.3	6.853	0.332	79.2	8 obs.	26 3547
9945	8.5	20 4.52	2.4804	0.0009	25 13 41.2	6.865	0.337	74.6	5 obs.[12]	25 3822
9946	8.9	19 20 5.86	+2.3538	+0.0012	+29 46 0.8	+6.867	+0.320	75.7	7 obs.[13]	29 3588
9947	9.3	20 6.22	2.4547	0.0010	26 10 58.0	6.868	0.333	77.0	5 obs.[14]	26 3548
9948	8.4	20 7.06	2.4741	0.0009	25 27 43.0	6.869	0.336	77.5	5 obs.[15]	25 3823
9949	8.3	20 15.73	2.4742	0.0009	25 27 55.3	6.880	0.336	74.9	122 219 316 319	25 3824
9950	8.2	20 20.08	2.4573	0.0010	26 5 39.6	6.887	0.334	85.4	132 401 1971 1972	26 3549

[1] Z. 127 235 238 397 595(2) 600
[2] Double; south preceding
[3] Z. 9 11 16 308 312 322
[4] » 7 17 126 246 489 1585
[5] » 230 233 241 324 597
[6] Z. 22 298 309 1299 1300 1303
[7] » 120 220 240 1468 1471 1473
[8] » 13 14 15 121 304 398
[9] » 132 401 478 483 1476
[10] » 126 246 318 672 1587
[11] Z. 9 11 16 587 589 854
[12] » 115 118 138 321 395
[13] » 117 123 135 309 324 604(2)
[14] » 18 21 229 396 1465
[15] » 122 219 316 319 1407

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
9951	9.1	19h 20m 22s.70	+2s.4803	+0s.0009	+25° 14′ 35″.2	+6″.890	+0″.337	86.4	118 1581 1583 1586	25° 3825*
9952	9.3	20 23.74	2.4084	0.0011	27 52 1.0	6.891	0.327	76.3	235 238 672	27 3386
9953	9.0	20 25.87	2.3416	0.0012	30 11 48.4	6.894	0.318	88.0	588 1729 1733	30 3548
9954	9.3	20 26.31	2.4069	0.0011	27 55 24.4	6.895	0.326	77.3	5 obs. [1]	27 3387
9955	8.5	20 29.28	2.4857	0.0009	25 2 42.9	6.899	0.338	79.1	138 242 1474	25 3826
9956	7.5	19 20 31.00	+2.4639	+0.0010	+25 51 25.9	+6.901	+0.335	77.9	5 obs. [2]	25 3827
9957	9.2	20 31.29	2.4368	0.0010	26 50 49.0	6.902	0.331	78.0	5 obs. [3]	26 3550
9958	9.2	20 38.54	2.3617	0.0012	29 31 7.9	6.912	0.320	79.4	241 857 863	— —
9959	9.0	20 39.41	2.3613	0.0012	29 31 56.3	6.913	0.320	77.7	22 241 857 863	29 3590
9960	8.6	20 40.10	2.4886	0.0009	24 56 32.3	6.914	0.338	76.4	231 410 411 490	24 3740
9961	9.1	19 20 42.07	+2.3856	+0.0011	+28 41 9.2	+6.917	+0.323	82.2	126 1582	28 3327*
9962	9.3	20 43.86	2.3647	0.0011	29 25 5.1	6.919	0.321	78.9	5 obs. [4]	29 3591
9963	9.5	20 48.34	2.4355	0.0010	26 54 23.0	6.925	0.330	73.6	124	— —
9964	9.2	20 48.94	2.3906	0.0011	28 30 46.3	6.926	0.324	75.6	304	28 3328
9965	8.0	20 49.00	2.3907	0.0011	28 30 41.5	6.926	0.324	76.8	5 obs. [5]	
9966	9.1	19 20 51.87	+2.4665	+0.0010	+25 46 28.0	+6.930	+0.335	81.7	856 859 861	25 3831*
9967	9.4	20 53.94	2.4041	0.0011	28 2 25.7	6.933	0.326	75.3	121 328 398	28 3329
9968	9.0	21 6.69	2.3690	0.0011	29 16 54.4	6.950	0.321	76.2	6 obs. [6]	29 3592
9969	8.4	21 7.50	2.3942	0.0011	28 23 49.4	6.951	0.324	79.0	7 318 1477	28 3331
9970	9.5	21 11.32	2.3441	0.0012	30 8 41.4	6.957	0.317	79.9	676 680 687 777	30 3558
9971	9.1	19 21 12.39	+2.4397	+0.0010	+26 46 13.6	+6.958	+0.331	74.4	116 120 236 306	26 3552
9972	9.2	21 14.72	2.3999	0.0011	28 12 1.9	6.961	0.325	75.4	14 126 484 489	28 3332
9973	8.5	21 19.66	2.4783	0.0009	25 21 5.0	6.968	0.336	77.9	115 138 321 1468	25 3833
9974	9.2	21 24.80	2.4526	0.0010	26 18 22.4	6.975	0.333	90.7	1585	26 3553*
9975	8.8	21 25.46	2.4811	0.0009	25 14 51.6	6.976	0.336	81.7	6 obs. [7]	25 3834
9976	9.0	19 21 25.93	+2.4811	+0.0009	+25 14 50.3	+6.976	+0.336	81.4	590 605 666 1472	
9977	9.1	21 27.53	2.4302	0.0010	27 7 24.6	6.979	0.329	74.6	6 obs. [8]	27 3390
9978	7.8	21 28.82	2.4317	0.0010	27 4 12.4	6.981	0.330	73.4	11 16 35 322	27 3391
9979	8.8	21 29.73	2.4593	0.0010	26 3 45.5	6.982	0.333	74.8	6 obs. [9]	26 3554
9980	9.4	21 32.14	2.3707	0.0011	29 14 24.4	6.985	0.321	86.7	1298 1303	29 3594
9981	9.0	19 21 37.54	+2.3582	+0.0012	+29 40 35.1	+6.992	+0.319	78.0	324 594 597 598	29 3595
9982	9.3	21 39.27	2.3708	0.0011	29 14 25.2	6.995	0.321	84.3	7 obs.	29 3596
9983	8.7	21 40.94	2.3478	0.0012	30 2 14.6	6.997	0.318	81.5	8 obs.	30 3563
9984	8.5	21 50.04	2.3713	0.0011	29 13 51.0	7.009	0.321	78.2	8 obs.	29 3597
9985	9.3	21 52.41	2.3919	0.0011	28 30 34.3	7.013	0.324	76.9	5 obs. [10]	28 3336
9986	9.5	19 21 57.44	+2.4901	+0.0009	+24 55 50.5	+7.020	+0.336	78.3	6 obs. [11]	24 3747
9987	9.2	21 58.49	2.4863	0.0009	25 4 33.4	7.021	0.336	78.3	5 obs. [12]	25 3838
9988	9.5	21 58.66	2.4893	0.0009	24 57 45.9	7.021	0.336	81.7	310 410 1308 1400	24 3749*
9989	9.1	22 2.41	2.4147	0.0011	27 42 4.1	7.026	0.327	84.7	1121	27 3394*
9990	9.2	22 8.29	2.4782	0.0009	25 22 55.1	7.034	0.335	81.7	856 858 859	25 3839*
9991	9.2	19 22 12.08	+2.4907	+0.0009	+24 55 4.3	+7.040	+0.336	76.7	411	— —
9992	8.8	22 13.08	2.3449	0.0012	30 9 36.5	7.041	0.317	79.5	6 obs. [13]	30 3573
9993	9.0	22 14.71	2.3837	0.0011	28 49 2.0	7.043	0.323	73.7	13 246	28 3339
9994	9.4	22 15.51	2.4001	0.0011	28 14 18.6	7.044	0.325	79.1	7 obs.	28 3340*
9995	9.0	22 16.00	2.4131	0.0011	27 46 10.3	7.045	0.326	77.9	35 238 397 1407	27 3395
9996	9.1	19 22 20.91	+2.3875	+0.0011	+28 41 7.2	+7.052	+0.323	76.7	318 484	28 3341
9997	9.5	22 28.45	2.3652	0.0011	29 28 6.3	7.062	0.320	73.6	117 123	29 3599
9998	8.5	22 29.50	2.3449	0.0012	30 10 17.2	7.063	0.317	84.4	6 obs. [14]	30 3578
9999	9.4	22 30.75	2.3668	0.0011	29 24 49.4	7.065	0.320	80.6	777	29 3601*
10000	9.0	22 31.02	2.3726	0.0011	29 12 38.3	7.065	0.321	80.7	7 obs.	29 3602

[1] Z. 127 397 595 601 602
[2] » 231 310 314 395 1304
[3] » 124 220 301 483 1466
[4] » 233 298 593 938 939
[5] » 13 15 304 785 929
[6] Z. 117 123 135 598 603 604
[7] » 319 590 605 666 1471 1473
[8] » 9 11 16 303 312 587
[9] » 18 21 132 306 396 483
[10] » 15 17 121 489 1406
[11] Z. 242 310 314 490 670 1307
[12] » 219 316 321 395 1475
[13] » 307 399 679 857 860 861
[14] » 679 860 861 1205 1302 1587

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
10001	8.9	19h 22m 32s.69	+2s.3848	+0s.0011	+28° 47′ 11″.6	+7″.068	+0″.322	80.3	5 obs.[1]	28° 3342
10002	9.5	22 35.16	2.3653	0.0011	29 28 11.7	7.071	0.319	79.7	681	— —
10003	9.0	22 35.43	2.3986	0.0011	28 17 53.3	7.071	0.324	80.2	687 693 781 782	28 3343
10004	8.5	22 36.18	2.4634	0.0010	25 57 3.0	7.072	0.333	74.3	5 obs.[2]	25 3843
10005	8.5	22 39.35	2.4387	0.0010	26 51 43.0	7.077	0.330	75.0	124 220 401	26 3559
10006	9.0	19 22 48.97	+2.4027	+0.0011	+28 9 42.5	+7.090	+0.325	78.7	7 602 782 941	28 3344
10007	9.3	23 0.55	2.4526	0.0010	26 21 51.1	7.106	0.332	74.6	18 229 396	26 3560
10008	8.7	23 4.62	2.3487	0.0012	30 3 45.8	7.111	0.317	81.7	784 786 930 934	30 3584
10009	9.0	23 6.74	2.3935	0.0011	28 30 1.2	7.114	0.323	79.5	17 783 785 857 929	28 3347
10010	8.2	23 12.20	2.4170	0.0011	27 40 0.6	7.122	0.326	76.4	5 obs.[3]	27 3397
10011	9.1	19 23 13.68	+2.3880	+0.0011	+28 41 57.1	+7.124	+0.322	83.2	328 1583	28 3348*
10012	8.5[4]	23 14.92	2.3670	0.0011	29 26 14.2	7.125	0.319	80.5	5 obs.[5]	29 3608
10013	9.2	23 14.94	2.4408	0.0010	26 48 23.0	7.125	0.330	85.0	863 1206 1403	26 3561*
10014	7.1	23 17.03	2.3739	0.0011	29 11 47.8	7.128	0.320	80.2	6 obs.[6]	29 3609
10015	9.0	23 17.28	2.4530	0.0010	26 21 43.0	7.129	0.331	74.9	18 229 301 396	26 3562
10016	9.2	19 23 18.54	+2.4282	+0.0010	+27 16 2.4	+7.130	+0.328	82.9	5 obs.[7]	27 3398
10017	9.3	23 23.27	2.3855	0.0011	28 47 41.5	7.137	0.322	80.5	6 obs.[8]	28 3349
10018	9.5	23 27.67	2.3847	0.0011	28 49 28.9	7.143	0.322	80.4	603 783 861	28 3351
10019	9.0	23 27.76	2.4327	0.0010	27 6 34.6	7.143	0.329	72.6	11 16	27 3400
10020	8.7	23 33.76	2.4016	0.0011	28 13 48.5	7.151	0.324	79.3	13 930 935	28 3352
10021	9.4	19 23 34.04	+2.4438	+0.0010	+26 42 35.3	+7.151	+0.330	80.7	605 670 854 934	26 3563
10022	8.8	23 43.45	2.3920	0.0011	28 34 42.2	7.164	0.323	80.6	14 1467	28 3353
10023	8.6	23 45.39	2.3527	0.0012	29 57 12.8	7.167	0.317	77.7	123 604 785	29 3610
10024	9.0	23 49.43	2.3700	0.0011	29 21 22.5	7.172	0.320	80.0	597 781 786	29 3612
10025	9.2	23 58.90	2.4597	0.0010	26 8 24.6	7.185	0.332	85.4	940 1206 1404	26 3565*
10026	8.0	19 24 3.87	+2.4178	+0.0011	+27 40 20.5	+7.192	+0.326	88.0	587 1729 1733	27 3404
10027	8.0	24 8.17	2.4511	0.0010	26 27 35.6	7.198	0.331	81.4	678 856 857 929	26 3566
10028	9.3	24 8.66	2.3937	0.0011	28 32 20.9	7.199	0.323	72.6	17	28 3356*
10029	8.5	24 13.20	2.4617	0.0010	26 4 33.7	7.205	0.332	81.5	5 obs.[9]	26 3567
10030	8.3	24 15.00	2.3507	0.0012	30 2 24.9	7.207	0.317	92.6	1727 1728	30 3589
10031	9.4	19 24 18.70	+2.3678	+0.0011	+29 27 14.5	+7.212	+0.319	75.7	26 598	29 3613
10032	9.0	24 18.78	2.4272	0.0010	27 20 34.7	7.212	0.327	80.7	595 934	27 3405
10033	9.4	24 19.46	2.4643	0.0010	25 58 59.2	7.213	0.332	79.6	670	25 3850*
10034	9.1	24 31.57	2.4915	0.0009	24 58 12.2	7.230	0.336	86.7	1108 1477	24 3764
10035	9.2	24 34.62	2.3592	0.0011	29 45 52.7	7.234	0.318	83.7	604 1476	29 3614
10036	9.0	19 24 40.68	+2.4342	+0.0010	+27 6 20.6	+7.242	+0.328	72.6	9 11 16	27 3407
10037	9.5	24 43.23	2.3636	0.0011	29 36 57.2	7.246	0.318	82.8	941	29 3615*
10038	8.7	24 53.31	2.4713	0.0010	25 44 33.8	7.259	0.333	79.2	590 685	25 3855
10039	8.0	24 56.00	2.3966	0.0011	28 27 57.4	7.263	0.322	86.3	7 1734 1836	28 3363
10040	9.5	24 56.11	2.4493	0.0010	26 33 31.0	7.263	0.330	93.5	1833	— —
10041	9.5	19 24 57.08	+2.4499	+0.0010	+26 32 22.7	+7.264	+0.330	93.3	1475 1965 1966	26 3569
10042	9.0	25 3.62	2.3803	0.0011	29 2 55.0	7.273	0.320	80.2	597 853	29 3617
10043	9.3	25 11.22	2.3929	0.0011	28 36 29.3	7.284	0.322	77.8	6 obs.[10]	28 3364
10044	8.8	25 13.89	2.3583	0.0011	29 49 24.0	7.287	0.318	82.0	781 936 939	29 3618
10045	9.5	25 20.82	2.3945	0.0011	28 33 27.7	7.297	0.322	72.6	13	— —
10046	9.5	19 25 20.84	+2.3691	+0.0011	+29 27 5.9	+7.297	+0.319	80.7	784	29 3619*
10047	8.3	25 27.96	2.4384	0.0010	26 58 48.2	7.306	0.328	80.8	8 obs.	26 3570
10048	8.9	25 32.49	2.4097	0.0011	28 1 11.0	7.312	0.324	80.7	587 940	27 3409
10049	**3.0**	**25 40.84**	**2.4188**	**0.0010**	**27 41 53.9**	**7.324**	**0.325**		**Fund. Cat.**	**27 3410**
10050	9.4	25 42.60	2.3972	0.0011	28 28 41.3	7.326	0.322	78.7	594	— —

[1] Z. 14 603 779 780 1466
[2] » 115 118 122 138 395
[3] » 9 303 397 587 589
[4] Close double; larger
[5] Z. 241 781 854 935 939
[6] » 593 598 677 685 853 936
[7] » 595 601 672 1471 1473
[8] Z. 15 675 777 778 929 1305
[9] » 590 678 936 938 996
[10] » 14 15 602 675 778 929

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10051	9.0	19h 25m 42.83	+2.3638	+0.0011	+29° 39′ 6.0	+7.327	+0.318	80.3	5 obs.[1]	29° 3620
10052	6.7	25 42.90	2.4188	0.0011	27 42 13.3	7.327	0.325	78.7	595 601	27 3411
10053	8.9	25 48.63	2.4291	0.0010	27 19 56.7	7.335	0.327	82.0	6 obs.[2]	27 3412
10054	8.9	25 49.79	2.4028	0.0011	28 16 44.5	7.336	0.323	78.3	17 603 1005	28 3367
10055	8.3	26 0.01	2.3491	0.0011	30 10 16.6	7.350	0.315	78.7	593 597 604	30 3605
10056	8.7	19 26 5.88	+2.4365	+0.0010	+27 4 29.1	+7.358	+0.328	82.2	601 939 996 1006	27 3413
10057	8.3[3]	26 8.44	2.3702	0.0011	29 26 47.2	7.361	0.318	82.2	778 1008	29 3623
10058	9.0	26 9.29	2.4249	0.0011	27 30 1.1	7.363	0.326	81.7	595 935 1007	27 3414
10059	8.9	26 9.41	2.4197	0.0011	27 41 20.3	7.363	0.325	92.7	1729 1730	27 3415
10060	9.1	26 12.57	2.4213	0.0011	27 37 56.9	7.367	0.325	82.7	587 777 941 1474	27 3416
10061	8.9	19 26 14.09	+2.4051	+0.0011	+28 12 58.5	+7.369	+0.323	77.7	14 940	28 3370
10062	6.5	26 14.40	2.4563	0.0010	26 21 11.6	7.369	0.330	79.1	229 605 666 998	26 3573
10063	9.0	26 19.36	2.4348	0.0010	27 8 49.9	7.376	0.327	75.1	9 11 16 929	27 3417
10064	9.5	26 22.03	2.3864	0.0011	28 53 9.4	7.380	0.320	72.6	15	28 3371*
10065	9.4	26 25.90	2.3576	0.0011	29 53 39.5	7.385	0.316	80.0	594 603 934	29 3625
10066	8.0	19 26 29.91	+2.3987	+0.0011	+28 27 11.4	+7.390	+0.322	79.5	5 obs.[4]	28 3373
10067	7.7	26 30.55	2.4465	0.0010	26 43 22.0	7.391	0.328	80.7	685 853	26 3574
10068	8.8	26 52.69	2.3536	0.0011	30 3 13.5	7.421	0.316	79.2	6 obs.[5]	30 3611
10069	6.7	26 54.42	2.4844	0.0009	25 19 47.4	7.424	0.333	77.2	138 410 590 670	25 3864
10070	9.0	26 56.40	2.3873	0.0011	28 52 43.6	7.426	0.320	72.6	7 13 17	28 3375
10071	9.5	19 26 57.75	+2.3831	+0.0011	+29 1 40.9	+7.428	+0.320	86.4	857 1475 1476	28 3376
10072	8.0	27 1.29	2.3575	0.0011	29 55 22.9	7.433	0.316	75.7	135 241 597	29 3628
10073	9.5	27 4.20	2.3872	0.0011	28 53 7.7	7.437	0.320	72.6	14	— —
10074	8.2[6]	27 4.25	2.4121	0.0011	28 0 5.7	7.437	0.323	81.7	602 861 1108	27 3421
10075	8.9	27 9.71	2.3694	0.0011	29 31 0.0	7.444	0.318	77.4	239 598 603	29 3629
10076	8.8	19 27 17.13	+2.4314	+0.0010	+27 18 30.2	+7.454	+0.326	92.6	1727 1728	27 3423
10077	8.9	27 20.15	2.4893	0.0009	25 9 31.0	7.459	0.334	77.0	314 479 490	25 3868
10078	9.2	27 20.50	2.4210	0.0011	27 41 27.3	7.459	0.324	79.9	5 obs.[7]	27 3424
10079	8.8	27 21.26	2.4219	0.0011	27 39 22.5	7.460	0.324	79.0	6 obs.[8]	27 3425
10080	9.0	27 24.07	2.4635	0.0010	26 7 48.5	7.464	0.330	76.2	18 132 605 670	26 3578
10081	8.8	19 27 26.15	+2.4357	+0.0010	+27 9 28.1	+7.467	+0.326	73.0	11 35 127	27 3426
10082	9.1	27 36.47	2.3680	0.0011	29 35 6.6	7.481	0.317	77.3	117 593 681	29 3633
10083	9.2	27 44.98	2.4649	0.0010	26 5 36.5	7.492	0.330	79.7	132 858 859 860	26 3579*
10084	9.1	27 47.32	2.3538	0.0011	30 5 13.4	7.495	0.315	77.2	324 604	30 3620
10085	9.1	27 48.49	2.3823	0.0011	29 5 29.1	7.497	0.319	75.7	22 26 594 597	29 3636
10086	9.0	19 27 57.35	+2.4657	+0.0010	+26 4 19.0	+7.509	+0.330	75.9	18 21 396 860	26 3580
10087	9.0	28 6.67	2.4682	0.0010	25 59 1.5	7.521	0.330	74.4	115 118 138 395	25 3872
10088	9.1	28 6.93	2.3972	0.0011	28 34 29.4	7.522	0.321	74.4	7 15 318 398	28 3378
10089	8.4	28 7.04	2.4375	0.0010	27 7 13.0	7.522	0.326	75.9	5 obs.[9]	27 3428
10090	8.9	28 8.47	2.4062	0.0011	28 15 20.9	7.524	0.322	92.6	1727 1728	28 3379
10091	8.9	19 28 10.61	+2.4622	+0.0010	+26 12 36.5	+7.527	+0.329	81.3	8 obs.	26 3582
10092	9.2	28 11.86	2.4619	0.0010	26 13 18.0	7.528	0.329	79.7	124 401 1477	26 3583*
10093	9.0	28 13.11	2.4333	0.0010	27 16 37.7	7.530	0.326	74.8	6 obs.[10]	27 3429
10094	8.3	28 15.34	2.4281	0.0010	27 28 15.3	7.533	0.325	85.7	857 1298 1471	27 3430
10095	8.8	28 18.29	2.3730	0.0011	29 26 30.5	7.537	0.317	75.7	27 123(2) 307 938	29 3639
10096	9.1	19 28 21.36	+2.4946	+0.0009	+24 59 58.4	+7.541	+0.334	83.7	863 1115 1116	24 3777*
10097	9.2	28 23.70	2.3534	0.0011	30 7 39.7	7.544	0.315	76.6	399	30 3624*
10098	9.5	28 36.48	2.4113	0.0011	28 5 23.9	7.562	0.322	82.2	121 126 1583 1587	— —
10099	9.0	28 38.49	2.4854	0.0009	25 21 29.0	7.565	0.332	75.5	6 obs.[11]	25 3873
10100	8.8	28 41.28	2.3817	0.0011	29 9 2.8	7.568	0.318	74.4	125 135 317	29 3642

[1] Z. 598 677 777 782 856
[2] » 784 857 861 930 934 936
[3] Double; south preceding
[4] Z. 13 675 677 936 939
[5] Z. 26 324 679 854 930 941
[6] Double; south
[7] Z. 589 601 777 781 782
[8] » 238 595 671 675 781 782
[9] Z. 235 238 308 322 600
[10] » 9 16 35 312 402 587
[11] » 138 242 310 314 410 411

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
10101	8.8	19h 28m 41ˢ.84	+2ˢ.3561	+0ˢ.0011	+30° 2′ 43″.2	+7″.569	+0″.315	76.7	233 239 307 861	30° 3629
10102	7.6[1]	28 51.23	2.4741	0.0010	25 47 29.9	7.582	0.331	77.8	7 obs.	25 3875
10103	7.0	28 52.05	2.4809	0.0010	25 32 9.0	7.583	0.332	76.0	219 310 490	25 3876
10104	9.0[2]	28 54.52	2.4137	0.0011	28 0 59.9	7.586	0.323	89.2	1216 1733	27 3433*
10105	9.3	28 58.79	2.4198	0.0011	27 47 58.0	7.592	0.323	80.7	778(2)	— —
10106	9.5	19 29 0.03	+2.4254	+0.0011	+27 35 54.1	+7.594	+0.324	80.7	786	— —
10107	9.6	29 0.42	2.3960	0.0011	28 39 18.6	7.594	0.320	74.4	13 14 17 677	28 3389
10108	7.3	29 2.39	2.4931	0.0009	25 4 55.9	7.597	0.333	78.7	242 319 321 1470	25 3877
10109	9.4	29 2.98	2.4046	0.0011	28 21 6.3	7.598	0.321	77.6	476	— —
10110	9.1	29 9.85	2.4043	0.0011	28 22 0.4	7.607	0.321	79.1	304 398 476 1302	28 3393*
10111	8.2	19 29 10.13	+2.4105	+0.0011	+28 8 40.2	+7.607	+0.322	78.2	126 246 328 1476	28 3392
10112	8.7	29 14.02	2.4873	0.0009	25 18 47.3	7.612	0.332	78.5	7 obs.	25 3879
10113	8.5	29 18.99	2.4341	0.0010	27 17 42.2	7.619	0.325	75.8	11 obs.	27 3435
10114	9.0	29 23.09	2.4658	0.0010	26 7 44.0	7.625	0.329	78.7	5 obs.[3]	26 3591
10115	9.0	29 23.13	2.4044	0.0011	28 22 24.6	7.625	0.321	76.1	304 402	28 3394
10116	9.3	19 29 24.73	+2.4496	+0.0010	+26 43 43.5	+7.627	+0.327	78.9	220 229 483 1474	26 3592
10117	8.8	29 36.50	2.3861	0.0011	29 1 57.9	7.643	0.318	78.4	489 603 604	28 3397
10118	8.7	29 37.97	2.4990	0.0009	24 52 48.5	7.645	0.333	80.9	5 obs.[4]	24 3785
10119	9.2	29 38.21	2.4802	0.0010	25 35 42.7	7.645	0.331	83.7	863 1117 1118	25 3880*
10120	9.0	29 40.17	2.3974	0.0011	28 38 10.6	7.647	0.320	77.4	7 obs.	28 3398
10121	8.8	19 29 40.41	+2.4757	+0.0010	+25 46 8.0	+7.648	+0.330	79.2	7 obs.	25 3881
10122	8.3	29 41.58	2.3906	0.0011	28 52 47.2	7.650	0.319	76.7	121 484 595	28 3399
10123	9.2	29 43.91	2.4046	0.0011	28 22 50.3	7.653	0.321	76.6	398	— —
10124	9.4	29 48.62	2.4108	0.0011	28 9 36.8	7.659	0.321	84.7	940 1211 1213	28 3400*
10125	9.5	29 49.65	2.4273	0.0011	27 33 53.5	7.660	0.324	75.7	312	— —
10126	9.4	19 29 50.34	+2.4261	+0.0011	+27 36 28.9	+7.661	+0.324	80.7	781 786	— —
10127	6.9	29 52.85	2.4441	0.0010	26 57 2.7	7.664	0.326	75.3	6 obs.[5]	26 3594
10128	5.9	29 52.96	2.3821	0.0011	29 11 21.7	7.665	0.317	74.8	7 obs.	29 3651
10129	9.0	29 57.34	2.3756	0.0011	29 25 20.3	7.671	0.317	82.7	239 1588	— —
10130	8.6	29 57.70	2.4761	0.0010	25 45 50.6	7.671	0.330	78.6	15 obs.	25 3883
10131	9.3	19 29 59.23	+2.3890	+0.0011	+28 56 58.2	+7.673	+0.318	78.9	126 318 593 1403	28 3401
10132	8.2	30 0.51	2.4769	0.0010	25 44 8.1	7.675	0.330	78.9	8 obs.	25 3884
10133	8.8	30 0.99	2.3929	0.0011	28 48 48.1	7.676	0.319	80.3	5 obs.[6]	28 3402
10134	8.1	30 4.12	2.3732	0.0011	29 30 37.2	7.680	0.316	73.3	22 26 241	29 3653
10135	9.2	30 6.55	2.4975	0.0009	24 57 22.0	7.683	0.333	82.0	857 859 861 938	24 3791*
10136	9.5	19 30 9.76	+2.3961	+0.0011	+28 42 8.3	+7.688	+0.319	82.7	15 1735	— —
10137	8.7	30 10.84	2.4033	0.0011	28 26 52.2	7.689	0.320	79.0	246 328 485 1407	28 3404
10138	9.0	30 13.55	2.4691	0.0010	26 1 58.5	7.693	0.329	79.5	9 obs.	25 3885
10139	9.0	30 16.57	2.4986	0.0009	24 55 27.3	7.697	0.333	91.3	1472 1727 1733	24 3793
10140	8.6	30 18.00	2.4272	0.0011	27 35 23.6	7.699	0.323	78.5	5 obs.[7]	27 3437
10141	9.0	19 30 21.38	+2.4998	+0.0009	+24 52 45.6	+7.703	+0.333	91.9	1471 1729 1734 1833	24 3795
10142	8.8	30 23.01	2.4260	0.0011	27 38 7.8	7.705	0.323	75.0	6 obs.[8]	27 3438
10143	9.4	30 24.85	2.3657	0.0011	29 47 21.7	7.708	0.315	82.2	123 1586	— —
10144	8.0	30 27.46	2.4479	0.0010	26 50 2.3	7.711	0.326	73.4	21 116 120 124	26 3599
10145	9.3	30 29.29	2.4977	0.0009	24 57 52.3	7.714	0.333	84.0	863 1120 1121 1124	24 3796*
10146	8.3	19 30 30.75	+2.3657	+0.0011	+29 47 35.7	+7.716	+0.315	76.0	7 obs.[9]	29 3655
10147	9.2	30 34.63	2.4858	0.0009	25 25 13.1	7.721	0.331	82.7	857 860 1116	25 3888*
10148	8.1	30 34.69	2.4995	0.0009	24 53 57.2	7.721	0.333	76.3	5 obs.[10]	24 3797
10149	8.9[11]	30 36.35	2.3751	0.0011	29 28 5.5	7.723	0.316	79.4	233 415 1306	29 3656
10150	7.5	30 37.54	2.4828	0.0010	25 32 18.9	7.725	0.331	85.0	1106 1108 1217	25 3889

[1] BD 6.5
[2] BD 9.5
[3] Z. 120 132 306 856 1480
[4] » 118 783 784 785 1475
[5] Z. 18 236 240 306 396 486
[6] » 7 328 589 1308 1406
[7] » 35 303 397 786 1304
[8] » 11 37 238 308 322 600
[9] Z. 123 135 307 317 324 598(2)
[10] » 115 118 138 680 780
[11] » Double; north preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10151	8.1	19h 30m 42s.19	+2s.3567	+0s.0011	+30° 6' 54".5	+7".731	+0".314	81.3	7 obs.	30° 3646
10152	8.5	30 50.26	2.4901	0.0009	25 16 13.8	7.742	0.332	81.4	6 obs.[1]	25 3891
10153	9.1	30 51.04	2.4164	0.0011	28 0 10.7	7.743	0.322	78.6	17 1111	27 3441*
10154	8.5	30 52.42	2.4650	0.0010	26 13 0.0	7.745	0.328	84.2	6 obs.[2]	26 3601
10155	9.3	30 53.12	2.3971	0.0011	28 41 58.0	7.746	0.319	75.6	13 14 484 677	28 3406
10156	9.3	19 30 56.20	+2.4269	+0.0011	+27 37 29.9	+7.750	+0.323	80.7	781	— —
10157	9.0	30 56.85	2.4590	0.0010	26 26 31.1	7.751	0.327	81.3	5 obs.[3]	26 3602
10158	8.9	30 57.86	2.4971	0.0009	25 0 34.3	7.752	0.333	81.4	666 685 782 1223	24 3799
10159	8.3	31 0.86	2.4451	0.0010	26 57 27.7	7.756	0.325	75.7	229 236 306 486	26 3603
10160	9.0	31 3.33	2.3852	0.0011	29 7 45.9	7.760	0.317	77.1	5 obs.[4]	29 3658
10161	9.5	19 31 9.43	+2.3608	+0.0011	+29 59 39.2	+7.768	+0.314	77.9	27 135 399 1474	29 3659
10162	9.2	31 10.77	2.4606	0.0010	26 23 36.2	7.770	0.327	89.9	18 1964 1965 1966	26 3605
10163	9.0	31 11.69	2.4526	0.0010	26 41 23.2	7.771	0.326	78.2	120 240 486 1317	26 3606
10164	9.2	31 12.45	2.4587	0.0010	26 27 48.3	7.772	0.327	78.0	119 132 1315	— —
10165	9.1	31 13.72	2.3737	0.0011	29 32 39.7	7.774	0.316	84.4	940 1119 1205	29 3660*
10166	9.0	19 31 14.00	+2.5007	+0.0009	+24 52 47.9	+7.774	+0.333	78.1	17 obs.	24 3802
10167	8.6	31 15.47	2.4607	0.0010	26 23 31.4	7.776	0.327	80.0	6 obs.[5]	26 3608
10168	9.1	31 16.88	2.3641	0.0011	29 53 11.3	7.778	0.314	84.7	1115 1117 1118	29 3661*
10169	9.3	31 24.01	2.3959	0.0011	28 46 0.8	7.787	0.318	78.7	604	— —
10170	9.2	31 24.08	2.3807	0.0011	29 18 17.6	7.788	0.316	85.2	856 1476	29 3664*
10171	9.2	19 31 27.84	+2.3599	+0.0011	+30 2 35.4	+7.793	+0.314	78.9	125 233 603 1480	30 3652
10172	9.2	31 30.17	2.4219	0.0011	27 50 1.7	7.796	0.321	80.7	778 (2)	27 3443*
10173	9.1	31 30.33	2.3671	0.0011	29 47 21.3	7.796	0.315	83.7	860 1206	29 3666*
10174	9.0	31 34.33	2.4977	0.0009	25 0 36.7	7.801	0.332	78.7	10 obs.	24 3810
10175	8.0	31 38.97	2.4282	0.0011	27 36 22.9	7.808	0.323	78.1	8 obs.	27 3444
10176	9.5	19 31 42.42	+2.4605	+0.0010	+26 25 4.3	+7.812	+0.327	76.6	401	26 3611*
10177	9.3	31 54.90	2.4301	0.0011	27 32 55.5	7.829	0.323	75.1	10 obs.	27 3445
10178	7.9	31 57.14	2.3603	0.0011	30 2 46.2	7.832	0.314	77.4	7 obs.[6]	30 3658
10179	8.7	31 59.53	2.4944	0.0009	25 9 6.8	7.835	0.331	78.3	5 obs.[7]	25 3893
10180	9.3	32 5.56	2.3686	0.0011	29 45 50.1	7.843	0.315	81.7	857	29 3669*
10181	8.4	19 32 6.51	+2.4754	+0.0010	+25 52 31.2	+7.845	+0.329	77.9	5 obs.[8]	25 3895
10182	8.4	32 6.90	2.4206	0.0011	27 54 30.6	7.845	0.321	75.7	235 322 405	27 3446
10183	9.0	32 7.78	2.4688	0.0010	26 7 28.3	7.846	0.328	77.0	5 obs.[9]	26 3614
10184	7.2	32 10.48	2.4119	0.0011	28 13 22.6	7.850	0.320	75.3	8 obs.	28 3412
10185	6.9	32 10.92	2.3888	0.0011	29 3 14.9	7.851	0.317	77.2	123 135 309 1217	29 3670
10186	8.1	19 32 11.02	+2.4915	+0.0009	+25 16 13.6	+7.851	+0.331	76.0	138 321 410 479	25 3896
10187	9.0	32 11.53	2.4039	0.0011	28 30 58.6	7.851	0.319	77.7	121 126 318 1406	28 3413
10188	7.7	32 13.02	2.4702	0.0010	26 4 44.8	7.853	0.328	73.7	21 124 240	26 3615
10189	9.4	32 16.13	2.4378	0.0010	27 17 7.2	7.857	0.324	80.7	785	— —
10190	8.0	32 27.61	2.3582	0.0011	30 8 34.2	7.873	0.313	75.7	125 239 604	30 3660
10191	8.8	32 31.79	+2.4118	+0.0011	+28 14 41.8	+7.878	+0.320	76.1	11 obs.	28 3416
10192	7.5	32 31.95	2.3814	0.0011	29 20 3.4	7.878	0.316	78.3	6 obs.[10]	29 3672
10193	9.0	32 36.51	2.4421	0.0010	27 8 32.6	7.885	0.324	75.2	6 obs.[11]	27 3447
10194	9.3	32 36.93	2.4475	0.0010	26 56 35.1	7.885	0.324	78.3	5 obs.[12]	26 3616
10195	9.0	32 42.00	2.4856	0.0010	25 30 54.9	7.892	0.330	76.4	219 242 490 599	25 3898
10196	9.5	19 32 43.45	+2.4120	+0.0011	+28 14 46.4	+7.894	+0.320	72.6	17	— —
10197	8.5	32 44.62	2.3878	0.0011	29 6 46.3	7.896	0.317	78.0	7 obs.	29 3673
10198	9.0	32 46.81	2.3895	0.0011	29 3 21.7	7.899	0.317	81.9	22 121 1584 1585	29 3675*
10199	7.5	32 47.23	2.4800	0.0010	25 44 6.6	7.899	0.329	77.7	122 231 395 1219	25 3900
10200	9.3	32 49.34	2.4607	0.0010	26 27 27.5	7.902	0.326	76.6	396	26 3617*

[1] Z. 31 693 779 782 1219 1470
[2] » 401 861 1220 1314 1318 1405
[3] » 132 220 396 1593 1595
[4] » 26 117 241 307 1477
[5] Z. 18 116 220 483 1592 1594
[6] » 22 26 309 415 597(2) 1308
[7] » 31 118 490 590 1473
[8] » 115 314 319 400 1407
[9] Z. 21 124 306 396 1302
[10] » 237 241 399 593 603 1303
[11] » 11 35 303 308 312 600
[12] » 119 120 132 861 1470

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10201	9.0[1]	19h 32m 51s.38	+2s.3607	+0s.0012	+30° 4' 23".7	+7".905	+0".313	77.7	27 123 1305	30° 3664
10202	9.3	32 55.70	2.4992	0.0009	25 0 13.9	7.910	0.331	80.7	5 obs.[2]	24 3817*
10203	9.4	32 58.18	2.4616	0.0010	26 25 55.1	7.914	0.326	79.7	18 306 1583	26 3621
10204	9.5	33 4.22	2.4610	0.0010	26 27 35.4	7.922	0.326	73.6	116	26 3622*
10205	9.5	33 5.07	2.4253	0.0011	27 46 40.5	7.923	0.321	80.7	779	— —
10206	9.4	19 33 5.14	+2.4491	+0.0010	+26 54 15.7	+7.923	+0.324	74.7	240	— —
10207	9.3	33 6.04	2.3578	0.0012	30 11 11.1	7.924	0.312	75.7	317	30 3666*
10208	9.4	33 7.05	2.3670	0.0012	29 51 57.6	7.926	0.314	74.7	241	29 3677*
10209	9.4	33 14.34	2.3593	0.0012	30 8 29.0	7.935	0.312	83.1	858 860 1206	30 3667
10210	9.3	33 14.42	2.4671	0.0010	26 14 12.1	7.935	0.327	86.7	1311 1313	26 3624*
10211	9.3	19 33 14.97	+2.5010	+0.0009	+24 56 58.1	+7.936	+0.331	79.7	7 obs.	24 3820
10212	7.7	33 19.90	2.4816	0.0010	25 41 44.9	7.943	0.329	80.3	5 obs.[3]	25 3903
10213	9.4	33 22.73	2.4366	0.0010	27 22 39.4	7.947	0.323	76.7	7 obs.	27 3449
10214	9.5	33 29.72	2.4998	0.0009	25 0 16.8	7.956	0.331	85.8	1220 1222 1223	24 3823*
10215	9.1	33 36.71	2.4570	0.0010	26 37 48.2	7.965	0.325	83.7	861 1114 1115	26 3625*
10216	9.4	19 33 38.81	+2.3598	+0.0012	+30 8 29.7	+7.968	+0.312	81.7	860	— —
10217	9.1	33 40.08	2.3754	0.0012	29 35 50.0	7.970	0.314	79.7	22 317 1587	29 3681*
10218	9.3	33 43.36	2.4254	0.0011	27 48 6.4	7.974	0.321	80.4	693 780 784	27 3450*
10219	9.3	33 47.07	2.4129	0.0011	28 15 40.2	7.979	0.319	75.7	9 obs.	28 3421
10220	8.7	33 47.68	2.5009	0.0009	24 58 39.2	7.980	0.331	83.2	857 1108	24 3825
10221	9.3	19 33 47.78	+2.3858	+0.0011	+29 14 7.2	+7.980	+0.315	81.0	307 399 1586	29 3682*
10222	9.2	33 49.56	2.4258	0.0011	27 47 41.8	7.983	0.321	80.7	6 obs.[4]	27 3451*
10223	8.8	33 55.62	2.4429	0.0010	27 10 8.2	7.991	0.323	80.9	6 obs.[5]	27 3452
10224	9.3	33 55.80	2.4133	0.0011	28 13 40.3	7.991	0.319	78.6	587	— —
10225	9.3	33 59.45	2.3846	0.0011	29 17 8.2	7.996	0.315	77.9	5 obs.[6]	29 3683
10226	9.2	19 34 1.70	+2.4745	+0.0010	+25 59 36.7	+7.999	+0.327	82.7	685 859 1120 1121	25 3907*
10227	9.0	34 10.13	2.5025	0.0009	24 55 58.8	8.010	0.331	86.3	5 obs.[7]	24 3827
10228	9.0	34 13.12	2.4799	0.0010	25 47 52.9	8.014	0.328	77.1	5 obs.[8]	25 3909
10229	9.5	34 21.03	2.4166	0.0011	28 9 4.9	8.025	0.319	72.6	15	28 3423*
10230	8.8	34 21.10	2.3923	0.0011	29 1 41.4	8.025	0.316	78.2	9 obs.	28 3424
10231	9.1	19 34 21.40	+2.4206	+0.0011	+28 0 21.0	+8.025	+0.320	86.4	7 obs.	27 3453*
10232	9.0	34 25.61	2.4624	0.0010	26 27 56.6	8.031	0.326	74.6	5 obs.[9]	26 3628
10233	9.5	34 26.06	2.3924	0.0011	29 1 37.4	8.032	0.316	76.6	398	— —
10234	5.2	34 26.35	2.3688	0.0012	29 51 59.4	8.032	0.313	77.1	7 obs.[10]	29 3684
10235	8.5	34 28.10	2.3753	0.0012	29 38 21.1	8.034	0.314	78.7	5 obs.[11]	29 3685
10236	9.2	19 34 28.56	+2.4659	+0.0010	+26 20 6.8	+8.035	+0.326	90.7	1592 1594	— —
10237	8.5	34 29.61	2.4248	0.0011	27 51 35.4	8.036	0.320	76.6	8 obs.	27 3454
10238	9.1	34 30.67	2.4619	0.0010	26 29 13.9	8.038	0.326	73.4	21 116 120 124	26 3630*
10239	9.2	34 31.55	2.4764	0.0010	25 56 30.6	8.039	0.327	81.7	856	25 3911*
10240	7.4	34 34.47	2.3617	0.0012	30 7 19.9	8.043	0.312	84.7	1112 1124	30 3677
10241	7.6[12]	19 34 37.64	+2.3805	+0.0011	+29 27 45.4	+8.047	+0.314	76.0	135 239 415 604	29 3686
10242	8.7	34 37.99	2.4952	0.0009	25 13 45.3	8.047	0.330	75.1	6 obs.[13]	25 3913
10243	9.0	34 41.03	2.4383	0.0010	27 22 15.0	8.051	0.322	83.2	303 1588	— —
10244	9.5	34 42.25	2.4173	0.0011	28 8 31.0	8.053	0.319	72.6	14 17	— —
10245	8.8	34 42.69	2.4367	0.0010	27 25 50.5	8.054	0.322	75.5	11 35 235 586 600	27 3457
10246	8.4	19 34 46.26	+2.4036	+0.0011	+28 38 28.9	+8.058	+0.317	78.0	126 328 402 1219	28 3428
10247	9.3	34 53.45	2.3696	0.0012	29 51 37.1	8.068	0.313	80.5	125 241 1311 1313	29 3687
10248	9.2	34 54.05	2.5022	0.0009	24 58 18.7	8.069	0.330	83.7	863 1205	24 3835*
10249	9.0	34 55.32	2.3915	0.0011	29 4 50.9	8.071	0.316	75.5	5 obs.[14]	29 3688
10250	8.9	34 56.47	2.4510	0.0010	26 54 43.9	8.072	0.323	77.7	6 obs.[15]	26 3631

[1] Double; middle
[2] Z. 316 854 859 863 938
[3] » 138 231 599 1216 1474
[4] » 778(2) 779 780 783 784
[5] » 11 127 238 1318 1470 1473
[6] Z. 117 125 233 854 1217
[7] » 1109 1116 1117 1118 1729
[8] » 122 138 319 321 1306
[9] » 116 120 124 306 396
[10] » 26 27 123 309 598(2) 1404
[11] Z. 22 237 594 603 1476
[12] Double; preceding
[13] Z. 115 118 310 314 319 395
[14] » 26 117 307 415 593
[15] » 18 119 132 240 1224 1225

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
10251	8.9[1]	19h 34m 59s.77	+2s.4780	+0s.0010	+25° 54′ 7″.7	+8s.076	+0s.327	77.3	5 obs.[2]	25° 3914
10252	8.9	35 6.12	2.4989	0.0009	25 6 28.3	8.085	0.330	77.9	6 obs.[3]	25 3915
10253	7.0	35 6.30	2.4567	0.0010	26 42 27.6	8.085	0.324	74.6	19 220 401	26 3632
10254	9.3	35 8.19	2.4171	0.0011	28 10 6.6	8.088	0.319	74.9	7 13 677	28 3429*
10255	9.1	35 8.60	2.4475	0.0010	27 2 55.9	8.088	0.323	81.7	857 858 861	27 3459*
10256	9.2	19 35 10.36	+2.5020	+0.0009	+24 59 31.7	+8.091	+0.330	81.7	856	— —
10257	7.7	35 16.15	2.4750	0.0010	26 1 38.1	8.098	0.327	79.5	11 obs.	25 3917
10258	9.0	35 17.19	2.4093	0.0011	28 27 42.5	8.100	0.318	77.7	126 246 318 1315	28 3430
10259	9.1	35 17.67	2.4925	0.0009	25 21 43.6	8.100	0.329	80.9	8 obs.	25 3918
10260	9.1	35 19.78	2.4124	0.0011	28 20 55.8	8.103	0.318	77.7	121 318 328 1220	28 3431*
10261	9.1	19 35 25.70	+2.4564	+0.0010	+26 44 8.6	+8.111	+0.324	79.3	220 236 1474	26 3636
10262	9.2	35 26.52	2.4816	0.0010	25 47 1.3	8.112	0.327	83.0	854 859 1211	25 3919*
10263	9.4	35 30.34	2.4805	0.0010	25 49 42.8	8.117	0.327	81.8	863	— —
10264	9.2	35 32.92	2.4942	0.0009	25 18 29.9	8.121	0.329	85.0	1114 1115 1213	25 3921*
10265	9.0	35 34.71	2.4967	0.0009	25 12 46.9	8.123	0.329	76.2	5 obs.[4]	25 3922
10266	9.2	19 35 36.64	+2.3659	+0.0012	+30 1 15.3	+8.126	+0.312	92.6	1727 1728	29 3692
10267	9.5	35 37.22	2.4859	0.0010	25 37 43.6	8.126	0.328	79.3	115 319 1471	25 3923
10268	8.0	35 40.63	2.4376	0.0010	27 26 25.8	8.131	0.321	76.7	10 obs.	27 3461
10269	8.0	35 45.00	2.4539	0.0010	26 50 32.9	8.137	0.323	77.7	132 229 396 1217	26 3640
10270	9.0	35 47.77	2.4569	0.0010	26 43 52.3	8.141	0.324	76.6	401	— —
10271	8.4	19 35 49.54	+2.4366	+0.0010	+27 29 1.8	+8.143	+0.321	77.2	6 obs.[5]	27 3462
10272	9.0	35 50.52	2.4504	0.0010	26 58 29.3	8.144	0.323	78.3	5 obs.[6]	26 3641
10273	9.3	36 0.06	2.4262	0.0011	27 52 39.2	8.157	0.319	79.7	680	27 3463*
10274	9.0	36 4.35	2.4673	0.0010	26 21 13.4	8.163	0.325	85.0	116 1583 1584	26 3642*
10275	9.3	36 5.91	2.3953	0.0011	28 59 58.7	8.165	0.315	74.7	5 obs.[7]	— —
10276	9.5	19 36 6.96	+2.3966	+0.0011	+28 57 18.2	+8.166	+0.315	73.6	123	28 3433*
10277	9.4	36 7.85	2.4435	0.0010	27 14 48.2	8.167	0.322	80.7	785	27 3464*
10278	9.3	36 16.04	2.4702	0.0010	26 15 2.7	8.178	0.325	78.4	124 132 483 1470	26 3644
10279	7.5	36 16.29	2.4391	0.0010	27 24 51.0	8.178	0.321	78.9	234 308 397 1473	27 3466
10280	8.7	36 19.87	2.3998	0.0011	28 51 11.9	8.183	0.316	74.4	14 17 304 405	28 3434
10281	9.0	19 36 23.77	+2.4073	+0.0011	+28 35 7.4	+8.188	+0.317	75.4	5 obs.[8]	28 3435
10282	9.0	36 26.90	2.4481	0.0010	27 5 14.8	8.193	0.322	78.5	9 obs.	27 3468
10283	9.1	36 27.23	2.4485	0.0010	27 4 31.6	8.193	0.322	74.7	234 238	27 3467
10284	9.3	36 27.47	2.4329	0.0011	27 39 4.2	8.193	0.320	80.7	781 (2)	27 3469*
10285	9.0	36 40.51	2.4490	0.0010	27 3 50.6	8.211	0.322	72.6	11	— —
10286	9.4	19 36 45.43	+2.4704	+0.0010	+26 15 56.0	+8.217	+0.325	81.7	856	— —
10287	7.1	36 46.52	2.4484	0.0010	27 5 23.1	8.219	0.322	80.0	12 obs.	27 3471
10288	9.4	36 50.86	2.4476	0.0010	27 7 30.9	8.224	0.322	80.7	5 obs.[9]	27 3472*
10289	8.9	36 55.64	2.4269	0.0011	27 53 43.8	8.231	0.319	81.7	5 obs.[10]	27 3474
10290	9.0	36 56.81	2.4685	0.0010	26 20 54.5	8.232	0.325	73.8	5 obs.[11]	26 3645
10291	8.9	19 36 57.81	+2.4292	+0.0011	+27 48 45.0	+8.234	+0.320	80.6	11 obs.	27 3475
10292	8.4	37 0.17	2.4540	0.0010	26 53 26.8	8.237	0.322	78.9	6 obs.[12]	26 3646
10293	9.3	37 1.02	2.4470	0.0010	27 9 16.3	8.238	0.322	83.5	595 861 1311 1313	27 3476
10294	9.2	37 5.58	2.4339	0.0011	27 38 42.1	8.244	0.320	90.7	786 1966 1967	27 3477
10295	8.8	37 7.28	2.4050	0.0011	28 42 10.7	8.246	0.316	78.7	126 398 485 1314	28 3438
10296	9.5	19 37 7.50	+2.4472	+0.0010	+27 9 9.4	+8.247	+0.322	72.6	16	— —
10297	8.9	37 12.37	2.3721	0.0012	29 53 0.0	8.253	0.311	74.4	7 obs.	29 3700
10298	7.8	37 13.36	2.3912	0.0011	29 12 8.1	8.254	0.314	77.1	5 obs.[13]	29 3702
10299	8.2	37 13.37	2.4572	0.0010	26 46 58.3	8.254	0.323	78.3	5 obs.[14]	26 3647
10300	9.1	37 13.58	2.4113	0.0011	28 28 45.1	8.255	0.317	81.7	5 obs.[15]	28 3440*

[1] Double; south following
[2] Z. 31 219 316 400 1314
[3] » 122 242 410 411 490 1407
[4] » 219 310 314 395 599
[5] » 16 127 235 312 698 1308
[6] Z. 18 119 306 861 1405
[7] » 27 123 241 307 399
[8] » 7 13 15 672 677
[9] » 595 601 671 672 1312
[10] » 679 685 694 782 1475
[11] Z. 19 21 116 120 396
[12] » 229 240 306 401 1224 1225
[13] » 22 237 309 317 1317
[14] » 119 236 486 599 1315
[15] » 854 857 858 859 860

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10301	9.4	19h 37m 18s.84	+2s.4187	+0s.0011	+28° 12' 47".9	+8".262	+0".318	76.9	5 obs.[1]	28° 3441
10302	8.8	37 22.36	2.4816	0.0010	25 52 13.4	8.266	0.326	75.1	7 obs.	25 3928
10303	8.5	37 25.72	2.4528	0.0010	26 57 33.7	8.271	0.322	78.0	18 124 1407	26 3649
10304	9.0	37 26.28	2.3703	0.0012	29 57 25.2	8.272	0.311	77.9	125 237 241 1476	29 3704
10305	9.5	37 29.94	2.3708	0.0012	29 56 33 2	8.276	0.311	73.7	125	— —
10306	9.5	19 37 31.14	+2.3967	+0.0011	+29 1 10.4	+8.278	+0.315	82.2	121 1586	— —
10307	8.6	37 33.08	2.4263	0.0011	28 3 10.4	8.281	0.318	78.0	398 587 604	28 3445
10308	9.4	37 41.28	2.4357	0.0011	27 36 16.1	8.292	0.320	78.1	397 672	— —
10309	8.2	37 41.35	2.4434	0.0010	27 19 11.5	8.292	0.321	80.3	8 obs.	27 3480
10310	8.7	37 48.21	2.4317	0.0011	27 45 35.9	8.301	0.319	79.3	5 obs.[2]	27 3482
10311	7.2	19 37 48.87	+2.3967	+0.0011	+29 2 5.8	+8.302	+0.315	74.1	6 obs.[3]	28 3447
10312	7.7	37 53.12	2.4492	0.0010	27 6 46.6	8.307	0.322	75.4	235 253 405	27 3484
10313	9.3	37 53.41	2.4233	0.0011	28 4 20.0	8.307	0.318	75.7	7 15 602 603	28 3448*
10314	9.5	37 54.66	2.3959	0.0011	29 4 5.0	8.309	0.315	78.7	598 (2)	29 3706*
10315	8.7	37 57.75	2.4349	0.0011	27 38 47.8	8.313	0.319	79.6	9 obs.	27 3485
10316	7.8	19 37 59.21	+2.4621	+0.0010	+26 38 5.2	+8.315	+0.323	79.7	5 obs.[4]	26 3650
10317	9.1	37 59.39	2.4943	0.0009	25 24 45.2	8.315	0.327	85.4	1106 1222 1223	25 3931*
10318	8.8	38 2.56	2.4089	0.0011	28 36 9.9	8.320	0.316	95.6	1964 1969 1972	28 3449
10319	8.9	38 7.23	2.4599	0.0010	26 43 20.1	8.326	0.323	78.3	6 obs.[5]	26 3651
10320	7.3	38 18.40	2 3721	0.0012	29 56 9.1	8.341	0.311	74.3	6 obs.[6]	29 3710
10321	9.4	19 38 21.52	+2.4605	+0.0010	+26 42 42.0	+8.345	+0.323	77.1	229 670	— —
10322	9.2	38 22.39	2.4370	0.0011	27 35 21.5	8.346	0.319	80.6	7 obs.	27 3487
10323	9.0	38 23.90	2.4391	0.0011	27 30 37.2	8.348	0 320	81.3	9 obs.	27 3488
10324	9.0	38 24.81	2.4384	0.0011	27 32 16.3	8.349	0.320	82.6	7 obs.	27 3489
10325	9.4	38 26.37	2.5062	0.0009	24 58 21.3	8.351	0.329	85.7	1206 1209	24 3852*
10326	5.9	19 38 31.09	+2.4932	+0.0009	+25 28 26.7	+8.358	+0.327	74.6	7 obs.	25 3933
10327	9.0	38 34.13	2.3962	0.0012	29 5 18.2	8.362	0.314	72.6	13	— —
10328	9.5	38 41.55	2.5087	0.0009	24 53 17.0	8.371	0.328	82.7	857 861 1124	24 3853*
10329	9.4	38 43.29	2.4895	0.0010	25 37 41.4	8.374	0.326	74.7	242	25 3934*
10330	8.7	38 47.77	2.4252	0.0011	28 2 35.2	8.380	0.318	78.3	5 obs.[7]	27 3490
10331	7.0	19 38 48.70	+2.4577	+0.0010	+26 50 15.4	+8.381	+0.322	75.9	18 19 21 1224	26 3654
10332	9.3	38 49.44	2.4199	0.0011	28 14 21.3	8.382	0.317	90.7	1595	— —
10333	8.1	38 49.89	2.4496	0.0010	27 8 32.4	8.382	0.321	82.2	303 587 1219 1480	27 3491
10334	9.3	38 55.33	2.4185	0.0011	28 17 56.1	8.390	0.317	76.6	398	— —
10335	8.8	38 57.60	2.4422	0.0010	27 25 21.2	8.393	0.320	78.2	10 11 600 1470	27 3492
10336	9.1	19 38 59.51	+2.3783	+0.0012	+29 45 2.9	+8.395	+0.311	83.7	863 1113 1116	29 3714*
10337	9.1	39 9.82	2.5024	0.0009	25 9 1.3	8.409	0.328	90.7	1594	25 3939*
10338	8.8	39 11.72	2.4889	0.0010	25 40 20.6	8.411	0.326	74.7	122 219 242 319	25 3940
10339	9.0	39 11.99	2.3812	0.0012	29 39 34.1	8.412	0.311	74.0	22 123 307	29 3716
10340	9.0	39 13.93	2.4483	0.0010	27 12 35.8	8.414	0.320	81.9	589 681 780 1475	27 3495
10341	9.5	19 39 15.30	+2.5075	+0.0009	+24 57 24.3	+8.416	+0.328	86.7	1217 1220 1474	24 3857*
10342	9.3	39 19.78	2.4487	0.0010	27 12 1.5	8.422	0.320	80.7	780	— —
10343	9.2	39 22.81	2.4497	0.0010	27 9 55.4	8.426	0.321	80.1	5 obs.[8]	27 3496
10344	9.1	39 22.99	2.4048	0.0012	28 49 14.6	8.426	0.315	84.7	1114 1115 1117	28 3457
10345	9.3	39 26.38	2.4330	0.0011	27 47 10.9	8.431	0.318	82.7	7 obs.	27 3497*
10346	9.2	19 39 26.59	+2.4304	+0.0011	+27 53 6.9	+8.431	+0.318	80.2	35 679 778 1406	27 3498
10347	9.5	39 26.96	2.3764	0.0012	29 50 29.8	8.432	0.311	73.7	135	29 3717*
10348	9.4	39 33.21	2.4337	0.0011	27 46 3.6	8.440	0.318	80.0	601 782 783	27 3499*[9]
10349	9.4	39 34.59	2.3765	0.0012	29 50 40.3	8.442	0.311	73.9	26 135 233 241	29 3718
10350	9.0	39 44.35	2.4566	0.0010	26 55 21.5	8.454	0.321	75.7	18 21 590 599	26 3658

[1] Z. 126 328 404 587 677
[2] » 303 671 681 782 783
[3] » 13 14 17 121 318 489
[4] Z. 240 599 605 670 1308
[5] » 119 229 401 590 605 1403
[6] » 26 27 123 237 317 399
[7] Z. 17 234 595 602 1304
[8] » 253 671 681 785 1205
[9] BD α 4s less

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
10351	9.2	19h 39m 45s.42	+2s.3814	+0s.0012	+29° 40' 34".1	+8".456	+0".311	81.7	856	29 3720*
10352	8.2	39 46.40	2.3875	0.0012	29 27 45.1	8.457	0.312	76.9	27 125 399 1118	29 3721
10353	6.9	39 48.46	2.4013	0.0012	28 57 50.5	8.460	0.314	76.0	5 obs.[1]	28 3460
10354	9.5	39 51.16	2.3859	0.0012	29 31 13.2	8.463	0.312	84.7	1119 1120	— —
10355	9.3	39 55.55	2.4191	0.0011	28 19 26.6	8.469	0.316	75.9	17 121 489 677	28 3461
10356	9.2	19 39 58.12	+2.4407	+0.0011	+27 31 47.0	+8.473	+0.319	86.0	1209 1213 1307	27 3502*
10357	8.9	40 0.89	2.3878	0.0012	29 27 38.4	8.476	0.312	79.7	5 obs.[2]	29 3722
10358	9.1	40 3.47	2.4394	0.0011	27 34 51.1	8.480	0.319	82.2	16 861 1214 1473	27 3503*
10359	8.6	40 4.52	2.4916	0.0010	25 36 33.1	8.481	0.326	75.3	118 310 400	25 3944
10360	9.3	40 5.28	2.5032	0.0009	25 9 28.0	8.482	0.327	91.7	1592 1733	25 3945*
10361	8.0	19 40 5.43	+2.3926	+0.0012	+29 17 41.0	+8.482	+0.313	74.3	26 233 317	29 3724
10362	9.0	40 10.70	2.4960	0.0009	25 26 34.1	8.489	0.326	76.7	319 490	25 3946
10363	9.0	40 10.71	2.4895	0.0010	25 41 39.3	8.489	0.325	95.6	1968 1971 1973	25 3947
10364	9.1	40 13.13	2.5020	0.0009	25 12 36.2	8.493	0.327	79.6	8 obs.	25 3948
10365	9.3	40 13.42	2.4420	0.0010	27 29 29.4	8.493	0.319	84.2	859 1306	27 3504*
10366	9.1	19 40 15.10	+2.4917	+0.0010	+25 36 50.9	+8.495	+0.325	78.5	5 obs.[3]	25 3949*
10367	9.0	40 19.10	2.4334	0.0011	27 49 0.1	8.501	0.318	74.9	234 235 238 303	27 3505
10368	9.4[4]	40 19.30	2.5100	0.0009	24 54 20.1	8.501	0.328	82.7	940	24 3865*
10369	9.2	40 19.58	2.4888	0.0010	25 43 44.8	8.501	0.325	88.7	1302 1601	25 3950*
10370	9.5	40 24.06	2.3887	0.0012	29 27 0.6	8.507	0.312	74.7	237	— —
10371	9.5	19 40 28.94	+2.5065	+0.0009	+25 3 4.7	+8.513	+0.328	74.6	219	25 3952*
10372	9.2	40 38.03	2.4619	0.0010	26 46 1.3	8.525	0.321	74.7	19 240 401	26 3660
10373	9.1	40 38.55	2.3818	0.0012	29 42 39.4	8.526	0.311	78.7	593 594 603 604	29 3729*
10374	9.5	40 40.81	2.4725	0.0010	26 21 56.5	8.529	0.323	80.7	778	— —
10375	9.4	40 40.92	2.4244	0.0011	28 10 3.5	8.529	0.316	76.0	6 obs.[5]	28 3466
10376	8.7	19 40 41.12	+2.4735	+0.0010	+26 19 44.3	+8.530	+0.323	79.4	120 236 590 1585	26 3662
10377	8.3	40 46.01	2.3751	0.0012	29 57 12.9	8.536	0.309	74.7	123 241 307	29 3730
10378	9.5	40 46.31	2.4967	0.0009	25 26 35.5	8.536	0.326	73.7	138	25 3954*
10379	9.3	40 47.59	2.4614	0.0010	26 47 28.9	8.538	0.321	76.6	401	— —
10380	9.1	40 50.90	2.4057	0.0012	28 51 34.7	8.543	0.314	72.6	17	28 3467*
10381	9.3	19 40 51.74	+2.4751	+0.0010	+26 16 33.4	+8.544	+0.323	73.6	120	26 3663*
10382	8.9	40 54.35	2.4285	0.0011	28 1 28.0	8.547	0.317	74.6	10 11 595	27 3507
10383	8.9	40 55.60	2.4311	0.0011	27 55 46.2	8.549	0.317	75.7	35 312 589	27 3508
10384	9.4	40 57.77	2.4020	0.0012	28 59 58.5	8.552	0.313	83.0	857 861 1205	— —
10385	8.9	41 1.87	2.4423	0.0011	27 31 9.0	8.557	0.318	74.3	16 253 303	27 3510
10386	9.1	19 41 2.38	+2.4050	+0.0012	+28 53 36.4	+8.558	+0.313	75.0	14 15 677	28 3469
10387	8.7	41 4.22	2.3725	0.0012	30 3 40.0	8.560	0.309	75.4	27 399 415	30 3729
10388	8.7	41 6.57	2.3898	0.0012	29 26 42.4	8.563	0.311	82.7	241 1602	29 3733
10389	8.9	41 15.65	2.4941	0.0010	25 33 51.4	8.575	0.325	83.1	859 940 1113	25 3958
10390	9.0	41 16.19	2.4002	0.0012	29 4 44.8	8.576	0.313	76.9	125 233 676 677	29 3734
10391	8.7	19 41 17.34	+2.4132	+0.0012	+28 36 21.7	+8.577	+0.314	75.8	254 318 417	28 3472
10392	8.7	41 20.57	2.4206	0.0011	28 20 8.1	8.582	0.315	76.2	126 328 484 485	28 3473
10393	9.0	41 26.21	2.4893	0.0010	25 45 30.9	8.589	0.324	75.7	115 242 414 490	25 3961
10394	9.0	41 26.44	2.3786	0.0012	29 51 37.2	8.589	0.310	73.7	123 135	29 3736
10395	9.0	41 28.71	2.4607	0.0010	26 51 11.6	8.592	0.321	75.7	18 599	26 3665
10396	9.3	19 41 31.35	+2.4773	+0.0010	+26 13 7.2	+8.596	+0.323	75.4	21 240 601	26 3667
10397	8.9	41 34.87	2.4317	0.0011	27 56 18.4	8.601	0.317	75.2	127 235 312 405	27 3512
10398	9.4	41 35.12	2.4056	0.0012	28 53 52.6	8.601	0.313	76.7	404	— —
10399	9.0	41 35.20	2.3819	0.0012	29 45 5.9	8.601	0.310	91.4	604 1964 1965 1967	— —
10400	9.0	41 37.81	2.3819	0.0012	29 45 16.1	8.604	0.310	88.6	237 1966 1969	29 3737

[1] Z. 7 14 15 318 1303
[2] » 22 125 399 1118 1602
[3] Z. 115 118 400 863 1305
[4] Close double; preceding
[5] Z. 7 13 121 318 398 1106

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10401	8.7	19h 41m 43s.05	+2s.3996	+0s.0012	+29° 9' 4".2	+8".611	+0".312	83.3	593 598 1727	29°3738
10402	9.0	41 48.02	2.4730	0.0010	26 24 5.3	8.618	0.322	78.1	5 obs.[1]	26 3669
10403	9.1	41 48.82	2.4254	0.0011	28 10 57.5	8.619	0.316	84.7	1108 1117	28 3476*
10404	9.1	41 49.46	2.3918	0.0012	29 24 33.3	8.620	0.311	77.0	307 317 676	29 3739
10405	9.3	41 50.44	2.4682	0.0010	26 34 58.4	8.621	0.321	82.7	857 858 1118	26 3670
10406	8.4	19 41 51.76	+2.3969	+0.0012	+29 13 44.4	+8.623	+0.312	80.1	5 obs.[2]	29 3740
10407	8.6	41 53.71	2.4375	0.0011	27 44 19.9	8.625	0.317	76.2	35 253 587 589	27 3513
10408	8.4	41 54.25	2.3719	0.0012	30 7 38.8	8.626	0.308	78.7	239 679 687 782	30 3736
10409	9.5	42 7.13	2.4731	0.0010	26 24 39.0	8.643	0.322	74.7	243	— —
10410	9.2	42 16.05	2.3764	0.0012	29 58 58.5	8.655	0.309	78.4	125 603 781 (2)	29 3743
10411	9.0	19 42 17.47	+2.4432	+0.0011	+27 32 47.5	+8.657	+0.318	74.6	10 234 303 322	27 3515
10412	9.1	42 17.49	2.4620	0.0010	26 50 31.1	8.657	0.320	85.0	120 1592 1594	— —
10413	9.5	42 18.66	2.5042	0.0009	25 13 18.2	8.658	0.326	73.6	122	25 3967*
10414	8.5	42 24.73	2.4263	0.0011	28 10 43.0	8.666	0.315	75.3	9 obs.	28 3478
10415	8.5	42 26.71	2.4849	0.0010	25 58 24.5	8.669	0.323	75.8	7 obs.	25 3968
10416	8.8	19 42 27.39	+2.4001	+0.0012	+29 8 30.2	+8.670	+0.312	73.7	5 obs.[3]	29 3744
10417	8.9	42 33.12	2.3730	0.0012	30 7 7.9	8.677	0.308	84.2	317 1729	30 3743
10418	6.2	42 34.23	2.5082	0.0009	25 4 35.4	8.678	0.326	74.9	115 219 314 316	25 3972
10419	9.5	42 45.78	2.3792	0.0012	29 54 37.7	8.694	0.309	78.7	593	— —
10420	9.2	42 47.30	2.3713	0.0012	30 11 35.5	8.696	0.308	75.9	26 123 603 604	30 3747
10421	8.6	19 42 51.12	+2.4084	+0.0012	+28 51 27.1	+8.701	+0.313	74.2	17 121 246 304	28 3480
10422	9.2	42 54.23	2.4693	0.0011	26 35 38.4	8.705	0.321	73.6	5 obs.[4]	26 3671
10423	7.1	42 55.42	2.4439	0.0011	27 33 8.6	8.706	0.318	74.1	6 obs.[5]	27 3516
10424	7.7	42 58.16	2.4482	0.0011	27 23 37.9	8.710	0.318	73.7	35 234	27 3517
10425	8.6	43 6.24	2.3897	0.0012	29 33 2.5	8.721	0.310	77.7	135 317 399 1106	29 3748
10426	8.4	19 43 7.67	+2.4317	+0.0011	+28 1 1.8	+8.722	+0.316	75.5	5 obs.[6]	27 3518
10427	9.5	43 8.63	2.3735	0.0012	30 7 59.7	8.724	0.308	75.2	237 307	30 3750
10428	9.3	43 9.45	2.3911	0.0012	29 30 15.0	8.725	0.310	74.7	239	29 3750*
10429	9.3	43 15.10	2.4431	0.0011	27 35 50.9	8.732	0.317	84.2	859 1120 1124 1205	27 3519*
10430	9.1	43 16.31	2.4597	0.0011	26 58 34.9	8.734	0.319	84.7	1114 1115 1119	26 3674
10431	9.3	19 43 22.88	+2.5002	+0.0009	+25 25 45.4	+8.742	+0.325	79.7	687	25 3976*
10432	9.1	43 23.23	2.4947	0.0010	25 38 31.7	8.743	0.324	74.6	118 242 305	25 3977
10433	9.1	43 30.32	2.4986	0.0009	25 29 49.9	8.752	0.325	82.7	856 858 1113	25 3978*
10434	9.0	43 31.77	2.4028	0.0012	29 5 59.3	8.754	0.312	92.6	1727 1728	29 3752
10435	9.2	43 33.82	2.4948	0.0010	25 38 51.3	8.757	0.324	73.7	29 118 242	25 3979*
10436	9.5	19 43 36.27	+2.3740	+0.0012	+30 8 20.1	+8.760	+0.308	84.7	854 1206 1209 1211	30 3755
10437	9.4	43 40.14	2.4785	0.0010	26 16 47.0	8.765	0.321	80.7	782 783	26 3676*
10438	7.4	43 41.43	2.4033	0.0012	29 5 28.9	8.767	0.312	75.3	8 obs.	29 3754
10439	9.5	43 42.50	2.5072	0.0009	25 10 17.2	8.768	0.325	73.6	122	25 3980*
10440	9.4	43 47.32	2.5030	0.0009	25 20 27.1	8.774	0.325	77.6	479	25 3982*
10441	8.9	19 43 53.31	+2.4197	+0.0011	+28 29 50.9	+8.782	+0.314	75.2	8 obs.	28 3485
10442	8.6	43 59.40	2.4368	0.0011	27 52 18.6	8.790	0.316	78.3	6 obs.[7]	27 3522
10443	9.4	43 59.75	2.5026	0.0009	25 21 48.2	8.791	0.324	76.5	9 obs.	25 3984
10444	7.0	44 1.57	2.4487	0.0011	27 25 36.9	8.793	0.317	74.9	16 253 312 397	27 3523
10445	8.3	44 4.17	2.3906	0.0012	29 34 14.7	8.796	0.310	79.9	125 317 1108 1214	29 3756
10446	9.4	19 44 4.89	+2.4362	+0.0011	+27 53 47.3	+8.798	+0.315	75.6	303	27 3524*
10447	9.4	44 8.62	2.3750	0.0012	30 7 59.5	8.802	0.308	80.7	780	30 3759*
10448	8.1	44 9.06	2.5072	0.0009	25 11 37.4	8.803	0.325	74.7	122 138 314 321	25 3986
10449	9.1	44 10.15	2.4572	0.0011	27 6 54.9	8.804	0.318	83.7	859 1116 1118	27 3526*
10450	9.4	44 13.26	2.4391	0.0011	27 47 43.5	8.808	0.316	85.4	860 1213 1471	27 3527

[1] Z. 124 132 486 778 1116
[2] » 598 676 681 780 854
[3] » 22 26 27 248 309
[4] Z. 18 19 116 119 306
[5] » 10 11 16 127 238 586
[6] Z. 235 253 312 322 405
[7] » 35 303 308 405 600 1585

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10451	8.0	19h 44m 15s.83	+2s.4265	+0s.0011	+28° 15′ 58″.8	+8″.812	+0″.314	75.2	5 obs.[1]	28° 3486
10452	8.9	44 17.38	2.4861	0.0010	26 1 6.7	8.814	0.322	74.0	29 128 305	25 3987
10453	8.9	44 19.37	2.4360	0.0011	27 54 58.7	8.817	0.315	74.9	11 127 235 600	27 3528
10454	8.4	44 22.78	2.4259	0.0011	28 17 40.0	8.821	0.314	75.5	5 obs.[2]	28 3488
10455	9.3	44 28.30	2.3786	0.0012	30 1 14.0	8.828	0.308	80.7	781	29 3759*
10456	8.7	19 44 30.56	+2.4052	+0.0012	+29 3 38.0	+8.831	+0.311	73.3	22 123 135	29 3760
10457	8.5	44 30.77	2.4086	0.0012	28 56 18.1	8.831	0.312	75.0	126 246 402	28 3490
10458	9.5	44 34.41	2.4764	0.0010	26 24 5.9	8.836	0.320	80.7	778 (2)	— —
10459	8.3	44 35.33	2.3919	0.0012	29 32 57.0	8.837	0.309	77.7	399 415 603 604	29 3761
10460	9.4	44 36.14	2.3863	0.0012	29 45 1.6	8.839	0.308	76.7	237 598	29 3762
10461	9.4	19 44 37.70	+2.5168	+0.0009	+24 50 24.4	+8.841	+0.326	81.7	857	— —
10462	8.8	44 38.37	2.3974	0.0012	29 21 9.1	8.841	0.310	77.9	241 593 594 677	29 3763
10463	9.0	44 44.00	2.3962	0.0012	29 23 57.2	8.849	0.310	78.0	239 676 677	29 3765
10464	9.3	44 46.66	2.4271	0.0011	28 16 15.4	8.852	0.314	85.8	1223	28 3491*
10465	7.0	44 47.19	2.4671	0.0011	26 46 14.4	8.853	0.319	77.6	15 obs.	26 3678
10466	9.1	19 44 48.61	+2.5158	+0.0009	+24 53 13.5	+8.855	+0.326	82.5	857 859 863 1117	24 3899*
10467	7.0	44 50.80	2.4311	0.0011	28 7 30.1	8.858	0.314	73.2	5 obs.[3]	28 3493
10468	8.0	44 52.08	2.4650	0.0011	26 51 7.1	8.859	0.319	76.3	6 obs.[4]	26 3679
10469	9.5	44 58.62	2.4816	0.0010	26 13 30.4	8.868	0.320	80.7	783	— —
10470	9.4	44 59.55	2.4811	0.0010	26 14 42.3	8.869	0.320	80.4	694 782 783	26 3680*
10471	9.0	19 45 1.73	+2.5139	+0.0009	+24 58 14.3	+8.872	+0.325	85.0	858 1298 1303	24 3903
10472	9.4	45 5.98	2.5028	0.0009	25 24 26.7	8.878	0.323	75.7	316	25 3994*
10473	9.2	45 15.11	2.4842	0.0010	26 8 17.3	8.890	0.321	77.9	6 obs.[5]	26 3682
10474	8.2	45 17.60	2.4779	0.0010	26 22 53.9	8.893	0.320	80.4	396 401 693 1475	26 3684
10475	8.5	45 17.69	2.3886	0.0012	29 42 9.7	8.893	0.308	74.2	6 obs.[6]	29 3767
10476	8.8	19 45 17.99	+2.4441	+0.0011	+27 39 52.6	+8.893	+0.316	74.3	10 234 322	27 3531
10477	9.4	45 27.22	2.5138	0.0009	24 59 34.9	8.905	0.325	83.1	860 861 1206	24 3905*
10478	9.4	45 30.14	2.5147	0.0009	24 57 42.7	8.909	0.325	85.7	1205	— —
10479	9.2	45 32.75	2.4173	0.0012	28 40 15.5	8.913	0.312	80.0	126 318 1596	— —
10480	9.2	45 33.22	2.3839	0.0012	29 53 18.3	8.913	0.307	82.7	237 1586	29 3771*
10481	9.2	19 45 34.08	+2.4758	+0.0010	+26 28 36.9	+8.914	+0.320	77.0	6 obs.[7]	26 3686
10482	9.5	45 34.86	2.3889	0.0012	29 42 36.1	8.915	0.308	72.7	22	— —
10483	9.2	45 36.27	2.5142	0.0009	24 59 9.5	8.917	0.324	84.4	863 1119 1304	24 3906*
10484	8.8	45 40.08	2.4524	0.0011	27 22 16.6	8.922	0.316	75.1	5 obs.[8]	27 3532
10485	9.1	45 40.29	2.3747	0.0012	30 13 26.9	8.922	0.306	82.2	123 1587	*30 3772**
10486	9.4	19 45 43.40	+2.5153	+0.0009	+24 56 47.5	+8.926	+0.324	81.7	857 858 859	24 3908*
10487	9.2	45 47.32	2.4104	0.0012	28 56 16.0	8.932	0.311	77.7	485	28 3497*
10488	9.2	45 51.95	2.4595	0.0011	27 6 38.0	8.937	0.317	85.7	1106 1302	— —
10489	8.5	45 52.11	2.4757	0.0010	26 29 44.3	8.938	0.319	79.0	6 obs.[9]	26 3688
10490	9.5	45 53.40	2.4377	0.0011	27 56 7.9	8.940	0.314	72.6	11	27 3533*
10491	7.9	19 45 58.22	+2.4520	+0.0011	+27 23 58.2	+8.946	+0.316	75.4	7 obs.	27 3534
10492	9.0	45 59.09	2.4098	0.0012	28 58 13.6	8.947	0.311	75.5	6 obs.[10]	28 3498
10493	9.0	46 4.96	2.4821	0.0010	26 15 24.4	8.955	0.320	80.9	6 obs.[11]	26 3689
10494	9.0	46 5.35	2.4176	0.0012	28 41 22.9	8.955	0.312	75.4	121 126 404 484	28 3500
10495	9.0	46 9.15	2.4820	0.0010	26 16 0.9	8.960	0.320	76.7	18 21 120 1406	26 3691
10496	9.1[12]	19 46 16.77	+2.5136	+0.0009	+25 2 32.8	+8.970	+0.324	84.3	5 obs.[13]	24 3911*
10497	9.0	46 20.48	2.4517	0.0011	27 25 54.7	8.975	0.316	73.7	16 253	27 3535
10498	9.5	46 21.00	2.4635	0.0011	26 59 8.3	8.976	0.317	78.2	116 124 243 1595	— —
10499	8.0	46 23.45	2.4594	0.0011	27 8 30.2	8.979	0.317	78.0	8 obs.	27 3536
10500	7.4	46 25.69	2.4917	0.0010	25 54 24.3	8.982	0.321	76.9	11 obs.	25 4001

[1] Z. 17 121 304 404 489
[2] » 121 246 304 318 489
[3] » 7 13 14 15 328
[4] » 119 120 124 132 240 1480
[5] » 240 243 306 784 (2) 786
[6] Z. 26 27 125 241 307 309
[7] » 132 410 411 483 486 698
[8] » 35 127 235 303 586
[9] » 132 306 590 599 698 1404
[10] Z. 7 17 304 328 485 589
[11] » 18 21 240 1405 1474 1476
[12] Coarse double; north
[13] Z. 941 1120 1121 1122 1124

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10501	9.4	19h 46m 32.36	+2.4641	+0.0011	+26° 58' 10.7	+8.990	+0.317	78.7	116 410 486 1308	26° 3692
10502	9.3	46 32.76	2.4792	0.0010	26 23 35.7	8.991	0.319	79.8	693	26 3693*
10503	7.7	46 33.73	2.4916	0.0010	25 55 3.7	8.992	0.321	76.6	10 obs.	25 4002
10504	9.4	46 35.83	2.5147	0.0009	25 0 52.3	8.995	0.324	85.5	861 1208 1209 1481	24 3912*
10505	8.6	46 42.10	2.4876	0.0010	26 4 35.3	9.003	0.320	80.4	6 obs.[1]	26 3694
10506	8.8	19 46 43.54	+2.4116	+0.0012	+28 56 37.8	+9.005	+0.310	76.7	7 obs.	28 3507
10507	9.2	46 43.84	2.4853	0.0010	26 9 59.9	9.005	0.320	84.7	860 1207 1214 1215	26 3695*
10508	9.4	46 45.50	2.3834	0.0013	29 58 16.5	9.007	0.306	80.7	781	— —
10509	8.5	46 58.66	2.4432	0.0011	27 46 59.0	9.024	0.315	90.6	303 1964 1965 1966	27 3539
10510	9.1	47 0.38	2.4608	0.0011	27 7 12.4	9.026	0.317	85.7	1216	27 3540*
10511	9.2	19 47 3.89	+2.4876	+0.0010	+26 5 40.7	+9.031	+0.320	86.2	1211 1213 1217 1403	26 3697*
10512	9.2	47 4.31	2.4852	0.0010	26 11 23.8	9.032	0.319	83.7	857 1219	26 3696*
10513	8.7	47 5.26	2.4609	0.0011	27 7 15.4	9.033	0.317	79.2	253 397 405 1473	27 3541
10514	8.9	47 5.50	2.4607	0.0011	27 7 46.9	9.034	0.317	77.2	234 235 253 1109	27 3542
10515	9.0	47 6.05	2.4226	0.0012	28 33 33.0	9.034	0.312	79.4	246 417 1315	28 3508
10516	9.0	19 47 6.49	+2.4916	+0.0010	+25 56 33.9	+9.035	+0.320	85.2	490 1727	25 4003
10517	7.5[2]	47 6.72	2.5019	0.0010	25 32 30.2	9.035	0.322	77.0	128 138 333 1220	25 4004
10518	8.9	47 6.93	2.4694	0.0011	26 47 55.2	9.035	0.318	78.7	14 obs.	26 3698
10519	9.0	47 9.84	2.4796	0.0010	26 24 30.8	9.039	0.319	78.6	7 obs.	26 3699
10520	8.5	47 10.10	2.4994	0.0010	25 38 30.0	9.039	0.321	81.1	6 obs.[3]	25 4006
10521	7.0	19 47 11.04	+2.4395	+0.0011	+27 55 59.4	+9.041	+0.314	74.6	5 obs.[4]	27 3543
10522	9.2	47 11.23	2.4687	0.0011	26 49 36.6	9.041	0.317	80.7	243 680 685 1470	26 3700*
10523	9.0	47 12.10	2.3783	0.0013	30 10 37.0	9.042	0.305	73.7	22 26 123 307	30 3783
10524	9.3	47 12.13	2.3984	0.0012	29 27 13.2	9.042	0.308	79.8	697	29 3780*
10525	9.1	47 12.55	2.4832	0.0010	26 16 14.8	9.043	0.319	82.5	694 782 783 1475	26 3701
10526	9.1	19 47 17.88	+2.4845	+0.0010	+26 13 44.7	+9.050	+0.319	77.0	306 396 590	26 3702
10527	8.9	47 24.81	2.4156	0.0012	28 50 4.2	9.059	0.310	73.6	7 17 318	28 3510
10528	8.5	47 29.42	2.4323	0.0012	28 13 12.0	9.065	0.313	80.0	6 obs.[5]	28 3511
10529	9.4	47 38.51	2.4313	0.0012	28 15 52.3	9.076	0.312	84.7	856 1206 1222 1223	28 3512*
10530	9.0	47 40.15	2.3917	0.0013	29 43 21.3	9.079	0.307	79.1	11 obs.	29 3782
10531	9.0	19 47 45.05	+2.3828	+0.0013	+30 2 53.7	+9.085	+0.306	73.2	27 135	30 3793
10532	8.7	47 46.81	2.4380	0.0012	28 1 22.3	9.087	0.313	81.1	7 obs.	27 3544
10533	7.3	47 47.66	2.4206	0.0012	28 40 12.1	9.088	0.310	75.4	254 318 328	28 3513
10534	8.4	47 50.47	2.3880	0.0013	29 51 55.7	9.092	0.306	74.7	237 239	29 3783
10535	9.5	47 51.41	2.4238	0.0012	28 33 20.3	9.093	0.311	73.7	126	— —
10536	8.0	19 47 51.91	+2.4670	+0.0011	+26 55 37.3	+9.094	+0.316	75.2	21 124 410 486	26 3704
10537	9.5	47 55.67	2.4072	0.0012	29 10 8.3	9.098	0.309	84.2	858 1307	29 3784*
10538	9.1	47 56.58	2.4945	0.0010	25 52 15.8	9.100	0.320	80.5	5 obs.[6]	25 4010*
10539	9.5	47 56.74	2.4084	0.0012	29 7 38.6	9.100	0.309	78.2	125 135 593 1298	29 3785
10540	9.1	47 58.81	2.4882	0.0010	26 7 3.2	9.103	0.320	85.2	784 1303 1306 1317	26 3705*
10541	9.0	19 48 1.14	+2.4369	+0.0012	+28 4 31.5	+9.106	+0.313	90.7	1589	— —
10542	8.5	48 2.04	2.4845	0.0010	26 15 50.0	9.107	0.319	78.3	9 obs.	26 3706
10543	8.9	48 2.75	2.4947	0.0010	25 51 57.0	9.108	0.320	78.1	5 obs.[7]	25 4011
10544	9.2	48 2.93	2.4789	0.0010	26 28 51.2	9.108	0.318	77.1	18 601 698	26 3707
10545	8.5	48 5.83	2.4314	0.0012	28 17 2.3	9.112	0.312	75.4	7 obs.	28 3514
10546	7.7	19 48 8.04	+2.4870	+0.0010	+26 10 30.5	+9.115	+0.319	78.3	5 obs.[8]	26 3708
10547	9.3	48 8.64	2.3851	0.0013	29 59 18.0	9.116	0.306	80.7	781	— —
10548	7.8	48 10.06	2.4451	0.0012	27 46 33.3	9.117	0.313	76.6	7 obs.[9]	27 3546
10549	9.0	48 10.68	2.4508	0.0012	27 33 23.8	9.118	0.314	85.1	5 obs.[10]	27 3545
10550	9.2	48 10.77	2.3858	0.0013	29 57 48.3	9.118	0.306	78.9	5 obs.[11]	29 3788

[1] Z. 396 401 411 590 1311 1312
[2] Close double; middle
[3] Z. 138 242 256 1318 1407 1471
[4] » 11 16 308 312 402
[5] Z. 121 404 417 476 1304 1478
[6] » 128 490 863 1117 1118
[7] » 136 305 314 490 1405
[8] » 120 411 697 784 786
[9] Z. 35 308 312 322 600 602(2)
[10] » 1112 1113 1114 1208 1209
[11] » 233 307 309 781 1406

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10551	9.0	19h 48m 14s.57	+2s.4999	+0s.0010	+25° 40' 39".5	+9".123	+0".321	77.0	7 obs.	25° 4013
10552	8.4	48 14.86	2.4341	0.0012	28 11 30.8	9.124	0.312	74.7	121 246 304	28 3515
10553	9.0	48 15.45	2.5070	0.0009	25 23 47.6	9.124	0.322	79.7	316 319 783 1305	25 4014
10554	9.0	48 16.62	2.5083	0.0009	25 21 1.8	9.126	0.322	79.9	6 obs.[1]	25 4015
10555	9.3	48 20.49	2.4109	0.0012	29 3 18.3	9.131	0.309	74.9	5 obs.[2]	29 3790
10556	9.5	19 48 23.35	+2.4538	+0.0011	+27 27 20.0	+9.135	+0.315	84.4	861 1207 1214	27 3547*
10557	9.0	48 32.47	2.4802	0.0010	26 27 24.3	9.147	0.318	75.0	6 obs.[3]	26 3710
10558	9.3	48 33.29	2.4457	0.0012	27 46 18.9	9.148	0.313	79.5	9 obs.	27 3548*
10559	9.5	48 34.72	2.4070	0.0012	29 12 54.2	9.149	0.308	82.2	125 1588	— —
10560	8.0	48 35.98	2.4746	0.0011	26 40 31.4	9.151	0.317	78.4	9 obs.	26 3711
10561	9.2	19 48 37.77	+2.4462	+0.0012	+27 45 32.6	+9.153	+0.313	74.0	16 35 402	27 3549
10562	9.0	48 39.55	2.3989	0.0013	29 30 49.7	9.156	0.307	77.4	22 237 317 1313	29 3791
10563	9.0	48 39.84	2.4383	0.0012	28 3 26.8	9.156	0.312	75.4	127 246 485	28 3517
10564	7.5	48 41.87	2.4853	0.0010	26 16 8.5	9.159	0.318	79.2	240 396 678 1215	26 3712
10565	9.5	48 44.42	2.4938	0.0010	25 56 9.1	9.162	0.319	73.6	122	— —
10566	9.0	19 48 44.50	+2.4297	+0.0012	+28 23 4.0	+9.162	+0.311	74.7	5 obs.[4]	28 3518
10567	9.4	48 45.83	2.4758	0.0011	26 38 3.9	9.164	0.317	84.8	1124	26 3713*
10568	9.1	48 55.21	2.4765	0.0011	26 36 58.6	9.176	0.317	84.7	1119 1120 1121 1122	26 3714*
10569	9.1	48 56.06	2.4896	0.0010	26 6 38.6	9.177	0.319	84.4	863 1205 1211	26 3715*
10570	8.7	48 57.66	2.4384	0.0012	28 3 42.9	9.179	0.312	74.2	5 obs.[5]	28 3521
10571	9.0	19 49 2.11	+2.4401	+0.0012	+28 0 38.1	+9.185	+0.312	76.0	303 322 397	27 3550
10572	8.7	49 9.10	2.4941	0.0010	25 56 45.2	9.194	0.319	76.9	122 136 242 1216	25 4018
10573	9.3	49 14.41	2.4125	0.0012	29 3 11.3	9.201	0.309	80.7	779	— —
10574	9.0	49 18.43	2.3906	0.0013	29 51 1.1	9.206	0.306	79.7	6 obs.[6]	29 3793
10575	8.8	49 18.69	2.4954	0.0010	25 54 5.1	9.207	0.319	82.0	242 256 1403 1586	25 4019
10576	8.7	19 49 22.19	+2.3808	+0.0013	+30 12 40.6	+9.211	+0.304	92.6	1727 1728	30 3803
10577	8.2[7]	49 23.70	2.3949	0.0013	29 41 55.3	9.213	0.306	77.2	27 135 309 1314	29 3795
10578	9.0	49 29.41	2.4404	0.0012	28 1 22.0	9.220	0.312	74.6	126 304	27 3553*
10579	8.3	49 30.71	2.4672	0.0011	27 0 10.8	9.222	0.315	75.9	5 obs.[8]	26 3717
10580	9.2	49 36.08	2.4820	0.0010	26 26 31.1	9.229	0.317	90.7	1594	— —
10581	9.5	19 49 38.65	+2.4402	+0.0012	+28 2 5.1	+9.232	+0.312	73.7	126	— —
10582	8.0	49 38.95	2.5187	0.0009	25 0 16.4	9.233	0.322	81.7	858 859 860	24 3925
10583	8.8	49 40.73	2.5216	0.0009	24 53 31.5	9.235	0.323	84.0	856 1116 1206	24 3926
10584	8.2	49 43.14	2.5005	0.0010	25 43 38.9	9.238	0.320	75.4	136 305 319 395	25 4020
10585	9.0	49 44.57	2.4816	0.0010	26 27 39.7	9.240	0.317	73.6	124	— —
10586	8.6	19 49 48.25	+2.4768	+0.0011	+26 39 5.5	+9.245	+0.316	77.4	7 obs.	26 3720
10587	9.0	49 52.57	2.4327	0.0012	28 19 50.4	9.250	0.311	78.7	589	— —
10588	8.8	49 55.05	2.4828	0.0010	26 25 37.2	9.253	0.317	81.7	5 obs.[9]	26 3721
10589	8.6	49 55.80	2.3925	0.0013	29 49 8.7	9.254	0.306	76.8	8 obs.	29 3799
10590	9.1	49 59.37	2.4011	0.0013	29 30 29.3	9.259	0.307	88.7	1475 1477	29 3800*
10591	8.9	19 50 0.34	+2.4873	+0.0010	+26 15 17.1	+9.260	+0.318	78.3	21 240 1405	26 3723
10592	9.1	50 0.54	2.4453	0.0012	27 51 50.1	9.261	0.312	84.6	1106	27 3555*
10593	9.2	50 1.65	2.4371	0.0012	28 10 31.4	9.262	0.311	79.7	680	28 3527*
10594	9.2	50 6.48	2.4564	0.0011	27 26 53.9	9.268	0.314	75.2	253 322	27 3556*
10595	6.9[10]	50 7.47	2.3915	0.0013	29 51 58.9	9.270	0.305	78.7	233 237 484 1406	29 3802
10596	9.1	19 50 8.66	+2.4560	+0.0011	+27 27 58.9	+9.271	+0.314	75.1	5 obs.[11]	27 3557
10597	9.2	50 13.26	2.4476	0.0012	27 47 15.1	9.277	0.313	74.9	35 127 234 586	27 3558
10598	8.5	50 14.50	2.4843	0.0010	26 23 1.7	9.279	0.317	73.9	18 19 124 396	26 3725
10599	9.2	50 14.82	2.4932	0.0010	26 2 18.0	9.279	0.319	80.7	782 786	25 4023*
10600	9.2	50 18.22	2.4303	0.0012	28 26 42.5	9.284	0.310	74.2	7 328	28 3528

[1] Z. 115 319 321 783 1311 1312
[2] » 26 241 248 317 399
[3] » 18 19 116 243 306 778
[4] » 7 13 17 417 604
[5] Z. 14 15 121 318 404
[6] » 123 239 251 307 399 1473
[7] Close double; middle
[8] Z. 120 243 306 401 599
[9] Z. 116 401 778 1315 1585
[10] Double; south preceding
[11] Z. 16 253 308 322 397

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10601	8.1	19h 50m 20s.30	+2s.3974	+0s.0013	+29° 39' 37".3	+9".286	+0".306	79.0	135 239 594 1478	29° 3805
10602	8.9	50 22.04	2.4146	0.0012	29 1 47.9	9.289	0.308	84.7	779 1117 1471	28 3529
10603	9.0	50 22.84	2.5011	0.0010	25 44 14.8	9.290	0.320	73.7	5 obs.[1]	25 4024
10604	9.4	50 23.08	2.4924	0.0010	26 4 37.4	9.290	0.319	80.7	786	26 3726*
10605	9.1	50 26.56	2.5122	0.0009	25 18 0.1	9.294	0.321	74.7	138 316	25 4025*
10606	9.0	19 50 27.95	+2.5121	+0.0009	+25 18 20.6	+9.296	+0.321	75.2	6 obs.[2]	25 4026
10607	9.5	50 29.53	2.4196	0.0012	28 51 15.5	9.298	0.309	77.7	489	— —
10608	7.9	50 33.17	2.4107	0.0012	29 11 9.3	9.303	0.307	78.1	7 obs.	29 3809
10609	8.9	50 33.64	2.3834	0.0013	30 10 57.4	9.304	0.304	77.3	5 obs.[3]	30 3808
10610	9.2	50 34.99	2.4404	0.0012	28 4 53.8	9.305	0.311	81.9	5 obs.[4]	28 3530*
10611	9.4	19 50 35.74	+2.4454	+0.0012	+27 53 25.3	+9.306	+0.312	85.1	861 1118 1476	27 3559*
10612	9.1	50 36.12	2.4340	0.0012	28 19 25.2	9.307	0.311	84.4	857 1213 1214	28 3531*
10613	8.0	50 38.23	2.4313	0.0012	28 25 35.6	9.310	0.310	76.2	6 obs.[5]	28 3532
10614	9.4	50 41.51	2.4375	0.0012	28 11 47.8	9.314	0.311	80.6	9 obs.	28 3534*
10615	9.4	50 42.56	2.4393	0.0012	28 7 43.3	9.315	0.311	78.1	126 671 672 675(2)	28 3533
10616	9.1	19 50 46.29	+2.4472	+0.0012	+27 49 59.5	+9.320	+0.312	85.0	1108 1109 1205	27 3560*
10617	9.4	50 47.63	2.4251	0.0012	28 39 59.6	9.322	0.309	86.7	1308	28 3535*
10618	8.9	50 54.05	2.4191	0.0012	28 53 43.4	9.330	0.308	75.0	13 328 404	28 3536
10619	9.5	50 57.23	2.4382	0.0012	28 10 57.2	9.334	0.310	80.7	780	— —
10620	9.5	50 58.47	2.4934	0.0010	26 4 19.1	9.336	0.318	73.6	120	— —
10621	9.2	19 51 0.25	+2.4592	+0.0011	+27 23 22.6	+9.338	+0.313	90.7	1595	27 3561*
10622	9.0	51 5.49	2.4030	0.0013	29 29 55.7	9.345	0.306	74.3	125 237 241	29 3811
10623	9.0	51 10.64	2.4927	0.0010	26 6 32.0	9.351	0.318	82.2	120 1601	26 3733*
10624	9.1	51 14.52	2.4449	0.0012	27 56 48.6	9.356	0.311	74.3	5 obs.[6]	27 3562
10625	9.1	51 16.90	2.5209	0.0009	24 59 53.7	9.359	0.321	81.7	858 860	24 3936
10626	9.5	19 51 22.99	+2.4942	+0.0010	+26 3 36.3	+9.367	+0.318	73.6	116	26 3734*
10627	9.5	51 28.01	2.4941	0.0010	26 4 1.2	9.374	0.318	73.1	21 116	26 3735
10628	8.6	51 29.28	2.4361	0.0012	28 17 37.0	9.375	0.310	74.7	14 304 318	28 3539
10629	9.0	51 31.19	2.4201	0.0013	28 53 30.7	9.378	0.308	72.6	15	28 3540*
10630	9.4	51 35.04	2.4665	0.0011	27 8 26.1	9.383	0.314	75.6	303	27 3564*
10631	9.0	19 51 38.52	+2.4052	+0.0013	+29 27 2.4	+9.387	+0.306	75.7	307	— —
10632	9.3	51 41.16	2.4714	0.0011	26 57 38.6	9.391	0.314	74.7	240 243	26 3737
10633	9.0	51 44.30	2.4989	0.0010	25 53 19.3	9.395	0.318	73.7	115 122 128 136	25 4032
10634	9.3	51 46.43	2.4267	0.0013	28 39 40.1	9.398	0.309	75.2	17 246 402 417	28 3541
10635	9.4	51 47.05	2.5230	0.0009	24 56 36.2	9.398	0.321	83.7	859 1206	24 3940*
10636	8.8	19 51 47.89	+2.4121	+0.0013	+29 12 12.0	+9.399	+0.307	74.4	26 27 135 594	29 3815
10637	8.8	51 49.48	2.4010	0.0013	29 36 42.6	9.401	0.305	90.4	233 1964 1965 1966	29 3816
10638	8.0	51 52.22	2.4580	0.0011	27 28 55.8	9.405	0.313	73.5	6 obs.[7]	27 3566
10639	8.7	51 53.20	2.4904	0.0010	26 13 55.4	9.406	0.316	76.1	18 132 401 601(2)	26 3739
10640	9.0	51 54.23	2.4054	0.0013	29 27 20.4	9.407	0.306	76.7	123 676	29 3817
10641	7.9	19 51 56.93	+2.5178	+0.0010	+25 9 17.3	+9.411	+0.320	75.4	29 314 395 400	25 4034
10642	8.8	52 4.79	2.5025	0.0010	25 45 59.5	9.421	0.318	78.7	128 242 305 1585	25 4036
10643	9.5	52 7.05	2.4847	0.0010	26 28 8.1	9.424	0.316	80.7	778	— —
10644	8.9	52 9.40	2.4019	0.0013	29 35 58.5	9.427	0.305	74.2	26 309	29 3818
10645	9.4	52 9.93	2.3916	0.0013	29 58 38.4	9.428	0.304	74.2	125 237	29 3819
10646	8.2	19 52 11.82	+2.4052	+0.0013	+29 28 54.2	+9.430	+0.306	79.3	9 obs.	29 3820
10647	9.2	52 14.93	2.4760	0.0011	26 48 50.2	9.434	0.315	76.0	6 obs.[8]	26 3740
10648	9.1	52 17.19	2.4912	0.0010	26 13 18.9	9.437	0.316	82.0	7 obs.	26 3741*
10649	9.0	52 18.36	2.4178	0.0013	29 1 14.3	9.438	0.307	76.5	5 obs.[9]	28 3543
10650	7.0	52 19.33	2.4355	0.0012	28 21 35.5	9.440	0.310	74.0	13 126 318	28 3542

[1] Z. 29 115 128 136 256
[2] » 138 242 305 314 316 321
[3] » 27 317 603 676 677
[4] Z. 17 672 1207 1208 1209
[5] » 7 246 328 417 600 602
[6] » 11 35 127 308 397
[7] Z. 10 11 16(2) 234 308
[8] » 124 240 396 409 410 486
[9] » 121 254 399 417 779

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10651	9.4	19h 52m 22s.04	+2s.4761	+0s.0011	+26° 48' 45".6	+9".443	+0".315	77.5	6 obs.[1]	26° 3743
10652	9.3	52 24.04	2.4194	0.0013	28 57 55.9	9.446	0.307	74.2	14 328	28 3544
10653	9.4	52 28.20	2.3921	0.0013	29 58 43.6	9.451	0.304	77.7	135 248 781 854	29 3821
10654	7.9	52 35.32	2.4963	0.0010	26 2 15.7	9.460	0.317	77.6	9 obs.	25 4040
10655	7.6	52 35.48	2.4983	0.0010	25 57 31.8	9.461	0.317	78.3	5 obs.[2]	25 4041
10656	9.1	19 52 38.63	+2.5226	+0.0010	+24 59 58.5	+9.465	+0.320	83.5	858 860 861 1471	24 3946*
10657	8.0	52 45.18	2.4740	0.0011	26 54 59.4	9.473	0.314	76.7	21 243 606 784	26 3744
10658	9.0	52 49.33	2.5190	0.0010	25 9 6.7	9.478	0.320	74.7	5 obs.[3]	25 4044
10659	8.4	52 49.98	2.4745	0.0011	26 53 51.6	9.479	0.314	77.7	6 obs.[4]	26 3745
10660	7.6	52 50.25	2.4316	0.0013	28 32 15.9	9.480	0.309	75.0	15 246 484	28 3546
10661	9.3	19 52 53.99	+2.4977	+0.0010	+25 59 58.6	+9.484	+0.317	76.6	400	25 4046*
10662	9.0	52 55.50	2.4196	0.0013	28 59 21.9	9.486	0.307	77.8	10 obs.	28 3547
10663	9.2	53 5.05	2.4884	0.0010	26 22 32.2	9.499	0.316	75.4	18 116 483 486	26 3746
10664	9.2	53 5.18	2.4414	0.0012	28 10 54.1	9.499	0.309	86.0	1208 1209 1308	28 3548*
10665	9.4	53 7.35	2.4952	0.0010	26 6 27.1	9.501	0.317	80.2	120 1302	26 3747*
10666	8.9	19 53 13.09	+2.4269	+0.0013	+28 43 56.3	+9.509	+0.308	76.4	246 318 602	28 3551
10667	8.5	53 15.55	2.5027	0.0010	25 49 26.3	9.512	0.317	75.4	128 305 316 395	25 4048
10668	8.1	53 15.56	2.4392	0.0012	28 16 22.2	9.512	0.309	76.0	126 402 484	28 3552
10669	9.2	53 16.93	2.4803	0.0011	26 42 6.3	9.514	0.315	83.7	857 1214	26 3748
10670	8.1	53 19.72	2.4293	0.0013	28 39 4.4	9.517	0.308	78.7	8 obs.	28 3553
10671	8.4	19 53 23.66	+2.4683	+0.0011	+27 10 22.1	+9.522	+0.313	74.3	6 obs.[5]	27 3572
10672	9.1	53 28.01	2.4495	0.0012	27 53 47.7	9.528	0.310	73.6	11 234	27 3573
10673	8.0	53 36.07	2.4041	0.0013	29 36 11.7	9.538	0.305	74.2	7 obs.	29 3829
10674	9.5	53 42.79	2.5256	0.0010	24 55 59.3	9.547	0.319	86.2	1206 1298	24 3954*
10675	9.2	53 46.32	2.4438	0.0012	28 7 41.8	9.551	0.309	73.9	5 obs.[6]	28 3555
10676	9.3	19 53 48.16	+2.3892	+0.0013	+30 9 31.7	+9.554	+0.302	73.7	26 233	30 3839
10677	8.6	53 50.12	2.5078	0.0010	25 39 1.5	9.556	0.317	74.9	136 138 314 395	25 4050
10678	9.5	53 51.05	2.4198	0.0013	29 2 9.2	9.558	0.306	74.7	237	— —
10679	8.4	53 51.37	2.5171	0.0010	25 23 9.7	9.558	0.318	73.7	29 122 256	25 4051
10680	8.8	53 54.14	2.3930	0.0013	30 1 36.7	9.562	0.303	92.6	1727 1728	29 3830
10681	9.5	19 53 56.36	+2.4989	+0.0010	+26 0 23.1	+9.564	+0.316	74.2	128 242	25 4052
10682	7.0	54 0.27	2.4691	0.0011	27 10 24.0	9.569	0.312	74.0	5 obs.[7]	27 3574
10683	9.4	54 1.24	2.4981	0.0010	26 2 34.4	9.571	0.316	80.7	786	25 4053*
10684	9.4	54 3.04	2.4317	0.0013	28 36 6.0	9.573	0.308	85.0	861 1303 1304	28 3558
10685	8.7	54 4.71	2.4972	0.0010	26 5 9.7	9.575	0.316	75.9	6 obs.[8]	26 3751
10686	8.3	19 54 11.96	+2.5159	+0.0010	+25 20 55.2	+9.584	+0.318	75.9	122 305 316 590	25 4055
10687	9.1	54 13.66	2.4931	0.0010	26 15 9.3	9.586	0.315	75.0	124 243 395	26 3753
10688	9.3	54 14.41	2.4247	0.0013	28 52 24.1	9.587	0.307	78.7	604	28 3559*
10689	9.4	54 17.17	2.4893	0.0011	26 24 15.4	9.591	0.315	80.7	780	26 3754*
10690	9.2	54 17.59	2.4505	0.0012	27 54 7.4	9.592	0.310	74.8	253	27 3576*
10691	9.5	19 54 17.85	+2.4061	+0.0013	+29 34 12.4	+9.592	+0.304	74.7	237	29 3834*
10692	9.5	54 20.82	2.4459	0.0012	28 4 55.2	9.596	0.310	73.6	121	28 3560*
10693	9.5	54 25.31	2.3908	0.0014	30 8 14.8	9.601	0.302	74.2	27 123 248 307	30 3842
10694	9.4	54 28.14	2.4450	0.0012	28 7 23.0	9.605	0.309	75.0	13 318 417	28 3561*
10695	9.1	54 28.18	2.4218	0.0013	28 59 46.0	9.605	0.306	76.2	135 598	28 3562*
10696	9.4	19 54 39.11	+2.4441	+0.0012	+28 9 56.8	+9.619	+0.309	77.7	7 17 417 1471	28 3564
10697	9.2	54 46.38	2.4247	0.0013	28 54 11.8	9.628	0.306	78.2	246 589 671 672	28 3567
10698	9.2	54 49.12	2.4061	0.0013	29 36 5.1	9.632	0.304	85.4	237 1585 1601	29 3837*
10699	7.0	54 52.90	2.5103	0.0011	25 36 34.1	9.637	0.317	75.2	29 136 321 606	25 4058
10700	9.4	54 55.51	2.4385	0.0012	28 23 36.1	9.640	0.308	74.2	14 328	28 3568

[1] Z. 124 409 410 486 599 856
[2] » 138 256 605 781 1008
[3] » 115 122 138 314 400
[4] Z. 21 243 599 601 782 784
[5] » 16 35 127 253 303 397
[6] » 13 14 15 304 328
[7] Z. 10 35 127 303 308
[8] » 18 120 240 411 605 606

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10701	9.0	19h 55m 0.25	+2.4486	+0.0012	+28° 0' 59.7	+9.646	+0.309	76.5	5 obs.[1]	27°3578
10702	9.5	55 0.40	2.4442	0.0012	28 11 1.9	9.646	0.308	73.7	126	28 3571*
10703	9.2	55 0.88	2.5109	0.0011	25 35 36.9	9.647	0.317	78.0	138 256 857 860	25 4059
10704	6.4	55 2.21	2.5045	0.0011	25 50 46.3	9.649	0.316	76.2	242 305 411 479	25 4060
10705	9.4	55 4.73	2.5109	0.0011	25 35 45.9	9.652	0.317	78.7	5 obs.[2]	25 4061
10706	9.3	19 55 6.96	+2.4587	+0.0012	+27 38 5.8	+9.655	+0.310	75.3	127 303 405	27 3579
10707	9.0	55 11.19	2.5119	0.0011	25 33 49.8	9.660	0.317	81.6	9 obs.	25 4062
10708	8.8	55 11.71	2.4924	0.0011	26 19 57.6	9.661	0.315	75.4	116 243 409 410	26 3757
10709	7.2	55 14.50	2.4074	0.0014	29 34 42.6	9.664	0.304	74.4	22 248 309	29 3838
10710	9.5	55 17.12	2.4384	0.0012	28 25 6.2	9.668	0.307	73.2	17 126	28 3574*
10711	7.4	19 55 17.86	+2.4102	+0.0013	+29 28 45.5	+9.669	+0.304	78.5	233 317 594 859(2)	29 3839
10712	8.6	55 20.97	2.4189	0.0013	29 9 18.5	9.673	0.305	76.7	5 obs.[3]	29 3840
10713	8.1	55 23.22	2.4807	0.0012	26 47 58.5	9.675	0.313	76.2	240 488	26 3758
10714	9.0	55 27.38	2.4609	0.0012	27 34 8.0	9.681	0.310	75.2	11 308 322 402	27 3582
10715	9.3	55 27.78	2.4955	0.0011	26 13 35.6	9.681	0.315	76.7	411	26 3759*
10716	8.9	19 55 30.43	+2.4953	+0.0011	+26 14 8.8	+9.685	+0.315	76.1	120 132(2) 486 854	26 3760
10717	9.3	55 31.75	2.4654	0.0012	27 24 4.8	9.686	0.310	74.8	253	27 3583*
10718	9.0	55 36.01	2.4492	0.0012	28 1 30.9	9.692	0.308	78.0	234 586 779	27 3584
10719	8.2	55 36.47	2.4088	0.0014	29 32 44.2	9.692	0.304	74.7	22 237 239 399	29 3844
10720	9.5	55 41.31	2.4935	0.0011	26 19 4.6	9.699	0.314	79.7	601 778	— —
10721	9.2	19 55 42.29	+2.5107	+0.0011	+25 38 8.3	+9.700	+0.316	75.7	128 138 685	25 4064*
10722	9.0	55 43.70	2.4876	0.0012	26 32 54.7	9.702	0.314	73.6	124	— —
10723	9.1	55 44.17	2.4939	0.0011	26 18 2.9	9.702	0.314	77.7	7 obs.	26 3761*
10724	8.6	55 44.73	2.4108	0.0013	29 28 56.6	9.703	0.304	77.5	5 obs.[4]	29 3845
10725	8.9	55 49.96	2.4390	0.0012	28 25 22.0	9.709	0.307	74.4	15 17 304 417	28 3576
10726	5.0	19 55 57.29	+2.4658	+0.0012	+27 24 32.8	+9.719	+0.310	73.7	10 16 127 322	27 3587
10727	8.1	56 1.19	2.4295	0.0013	28 47 46.6	9.724	0.306	77.7	5 obs.[5]	28 3577
10728	8.7	56 1.27	2.5187	0.0010	25 20 8.8	9.724	0.317	77.5	5 obs.[6]	25 4067
10729	8.8	56 2.57	2.4876	0.0012	26 33 44.5	9.726	0.313	79.5	5 obs.[7]	26 3762
10730	9.3	56 4.59	2.5173	0.0010	25 23 32.3	9.728	0.317	77.9	6 obs.[8]	25 4069
10731	7.5	19 56 4.85	+2.4805	+0.0012	+26 50 41.2	+9.729	+0.312	77.7	18 19 401 1476	26 3763
10732	9.3	56 5.63	2.4658	0.0012	27 25 9.9	9.730	0.310	74.0	16 35 397	27 3588
10733	9.1	56 13.09	2.4072	0.0014	29 38 29.3	9.739	0.303	84.7	858 1206 1208 1209	29 3852*
10734	9.0	56 13.11	2.4366	0.0013	28 32 25.4	9.739	0.306	74.7	121 328	28 3578
10735	9.1	56 13.30	2.5127	0.0011	25 34 55.8	9.739	0.316	76.6	400	— —
10736	9.0	19 56 14.06	+2.4182	+0.0013	+29 14 2.1	+9.740	+0.304	74.0	27 125 307	29 3851
10737	9.1	56 17.88	2.5144	0.0011	25 31 13.2	9.745	0.316	84.7	858 1207 1307	25 4071*
10738	9.2	56 20.79	2.4043	0.0014	29 45 31.4	9.749	0.303	85.7	1215	29 3853*
10739	8.5	56 27.23	2.4064	0.0014	29 41 7.7	9.757	0.303	77.2	26 861	29 3855
10740	8.9	56 29.26	2.4286	0.0013	28 51 36.0	9.760	0.305	76.0	14 404 600	28 3580
10741	9.3	19 56 30.44	+2.4187	+0.0013	+29 13 45.8	+9.761	+0.304	73.7	135	29 3856*
10742	8.1	56 31.55	2.4014	0.0014	29 52 23.9	9.763	0.302	79.5	123 415 594 1477	29 3857
10743	8.6	56 33.62	2.4791	0.0012	26 55 34.5	9.765	0.312	78.4	116 240 243 1588	26 3764
10744	9.3	56 34.69	2.4262	0.0013	28 57 23.6	9.767	0.305	76.4	245 417 476	28 3582*
10745	9.2	56 34.71	2.4306	0.0013	28 47 30.8	9.767	0.305	91.7	1589 1729	28 3581
10746	9.0	19 56 39.01	+2.4796	+0.0012	+26 54 54.9	+9.772	+0.312	73.9	21 116 240 243	26 3765
10747	8.6	56 39.34	2.4203	0.0013	29 10 42.9	9.773	0.304	82.7	5 obs.[9]	29 3858
10748	8.9	56 44.18	2.4119	0.0014	29 30 0.0	9.779	0.303	80.7	5 obs.[10]	29 3859
10749	9.2	56 44.59	2.4840	0.0012	26 44 46.0	9.779	0.312	83.7	857 859 1218 1219	26 3766
10750	9.0	56 45.58	2.3982	0.0014	30 0 31.6	9.780	0.301	80.3	13 obs.	29 3860

[1] Z. 35 234 253 672 779
[2] » 256 314 687 860 861
[3] » 123 135 598 603 604
[4] » 26 125 248 677 1308
[5] Z. 7 246 318 404 1474
[6] » 122 242 305 316 1404
[7] » 120 124 320 1223 1473
[8] Z. 136 242 409 410 490 1403
[9] » 239 598 604 1592 1594
[10] » 399 603 676 677 1475

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10751	9.3	19h 56m 46s.32	+2s.4460	+0s.0013	+28° 13′ 5″.9	+9″.781	+0″.307	83.2	484 1478	28° 3584
10752	8.5	56 49.57	2.4466	0.0013	28 11 53.2	9.786	0.307	79.7	126 485 1405	28 3585
10753	8.5	56 53.22	2.4109	0.0014	29 32 51.0	9.790	0.302	84.0	603 1303 1304	29 3861
10754	9.0	56 58.40	2.4288	0.0013	28 52 55.3	9.797	0.304	79.1	5 obs.[1]	28 3587
10755	9.4	56 58.74	2.5213	0.0010	25 16 54.6	9.797	0.316	74.9	5 obs.[2]	25 4074
10756	9.1	19 56 58.86	+2.4193	+0.0013	+29 14 20.8	+9.798	+0.303	80.5	6 obs.[3]	29 3863
10757	9.3	57 4.48	2.4340	0.0013	28 41 19.6	9.805	0.305	77.9	121 254 304 1406	28 3588
10758	8.7	57 7.16	2.4704	0.0012	27 17 47.4	9.808	0.310	74.6	127 234 303	27 3591
10759	9.0	57 9.81	2.4400	0.0013	28 28 9.6	9.811	0.306	81.2	318 1305	28 3589
10760	9.2	57 11.18	2.4440	0.0013	28 18 59.9	9.813	0.307	82.1	860 861 941	28 3590*
10761	9.0	19 57 17.05	+2.4051	+0.0014	+29 47 6.4	+9.821	+0.301	79.5	5 obs.[4]	29 3864
10762	9.2	57 25.81	2.4933	0.0011	26 25 17.8	9.832	0.313	83.7	780(2) 1205 1213 1217	26 3767*
10763	9.1	57 26.40	2.4069	0.0014	29 43 33.6	9.832	0.302	85.7	1211 1214	29 3865*
10764	9.4	57 26.77	2.4101	0.0014	29 36 37.5	9.833	0.302	81.8	863	— —
10765	9.5	57 32.08	2.5050	0.0011	25 57 50.8	9.840	0.314	75.2	6 obs.[5]	25 4075*[6]
10766	8.9	19 57 38.82	+2.4188	+0.0013	+29 17 55.0	+9.848	+0.303	76.4	26 27 123 1314	29 3867
10767	7.1	57 41.08	2.4488	0.0013	28 9 58.0	9.851	0.307	76.1	13 14 15 323 1313	28 3595
10768	9.1	57 47.19	2.5054	0.0011	25 57 38.6	9.859	0.314	79.4	6 obs.[7]	25 4079
10769	9.5	57 50.45	2.5065	0.0011	25 55 12.0	9.863	0.314	73.6	122	25 4081*
10770	9.0[8]	57 51.28	2.4985	0.0011	26 15 24.8	9.864	0.313	75.7	10 obs.	26 3768
10771	7.6	19 57 52.97	+2.4544	+0.0013	+27 57 35.6	+9.866	+0.307	77.1	10 obs.	27 3593
10772	7.7	57 54.32	2.4908	0.0012	26 32 33.6	9.868	0.312	73.3	21 120 124	26 3769
10773	9.2	58 2.84	2.4091	0.0014	29 40 57.2	9.879	0.301	77.9	22 123 399 1473	29 3870
10774	8.8	58 6.39	2.4678	0.0012	27 27 24.6	9.883	0.309	84.7	858 1206 1208 1209	27 3594
10775	9.0	58 15.55	2.4778	0.0012	27 4 37.7	9.895	0.310	74.9	5 obs.[9]	27 3595
10776	9.2	19 58 17.46	+2.4765	+0.0012	+27 7 43.5	+9.897	+0.310	75.7	312	27 3596*
10777	8.5	58 22.42	2.4116	0.0014	29 36 26.1	9.904	0.302	77.4	125 233 241 1302	29 3871
10778	9.2	58 26.24	2.4429	0.0013	28 25 50.5	9.908	0.306	79.3	13 245 1586	— —
10779	9.0	58 28.27	2.4309	0.0013	28 53 21.6	9.911	0.304	74.4	17 126 304 328	28 3601
10780	6.2	58 29.20	2.4128	0.0014	29 33 51.3	9.912	0.302	74.7	125 135 233 309 317	29 3872
10781	9.3	19 58 31.33	+2.4848	+0.0012	+26 49 6.2	+9.915	+0.311	75.7	240 409	26 3770*
10782	8.8	58 34.46	2.4382	0.0013	28 37 13.5	9.919	0.305	78.0	121 254 323 1404	28 3602
10783	9.0	58 34.48	2.4401	0.0013	28 32 49.0	9.919	0.305	79.4	318 402 404 1471	28 3603
10784	9.5	58 35.50	2.5300	0.0010	25 1 10.4	9.920	0.316	83.2	6 obs.[10]	24 3988*
10785	9.4	58 37.55	2.3977	0.0014	30 8 18.5	9.923	0.300	92.6	1727 1728	30 3866
10786	7.5	19 58 41.99	+2.4113	+0.0014	+29 38 17.4	+9.928	+0.301	77.7	6 obs.[11]	29 3873
10787	9.3	58 45.05	2.4178	0.0013	29 24 0.6	9.932	0.302	90.5	6 obs.[12]	29 3874
10788	9.5	58 45.96	2.4186	0.0013	29 22 20.9	9.933	0.302	93.6	1844	— —
10789	8.8	58 47.27	2.5078	0.0011	25 55 10.2	9.935	0.313	75.9	30 136 321 605(2)	25 4083
10790	8.8	58 47.57	2.4466	0.0013	28 18 51.8	9.935	0.306	76.4	245 417 476	28 3604
10791	8.8	19 58 47.74	+2.4950	+0.0011	+26 25 47.4	+9.936	+0.312	83.4	780 782 1476	26 3771
10792	8.5	58 48.02	2.4096	0.0014	29 42 37.8	9.936	0.301	77.1	22 399 598 603 604	29 3875
10793	9.1	58 48.34	2.4490	0.0013	28 13 13.6	9.936	0.306	79.2	246 323 484 1478	28 3605*
10794	8.6	58 48.74	2.4766	0.0012	27 9 18.9	9.937	0.310	75.2	6 obs.[13]	27 3598
10795	9.2	58 50.11	2.4854	0.0012	26 48 35.4	9.939	0.311	80.7	6 obs.[14]	26 3772
10796	9.5	19 58 50.37	+2.4446	+0.0013	+28 23 29.0	+9.939	+0.305	74.6	14 404	28 3606
10797	9.3	58 51.73	2.5284	0.0010	25 5 57.0	9.941	0.316	77.7	490	25 4084*
10798	9.4	58 55.43	2.5309	0.0010	25 0 2.6	9.945	0.316	81.7	859	24 3990*
10799	8.0	58 55.69	2.5200	0.0010	25 26 22.3	9.946	0.315	74.9	5 obs.[15]	25 4085
10800	9.0	59 5.82	2.4072	0.0014	29 49 4.0	9.959	0.301	84.2	866 1308	29 3876*

[1] Z. 246 328 484 600 1480
[2] » 30 256 314 319 321
[3] » 239 309 317 594 1407 1587
[4] » 135 237 307 1311 1312
[5] » 115 128 136 314 316 599
[6] Obs. for 25° 4077 B
[7] Z. 30 122 321 400 1315 1585
[8] Very close double; middle
[9] Z. 127 137 253 303 397
[10] » 860 861 863 941 1207 1216
[11] Z. 239 241 248 309 317 1595
[12] » 307 1735 1838 1842 1856 1857
[13] » 11 35 308 312 322 611
[14] » 116 240 410 698 1477 1598
[15] » 128 138 305 314 319

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
10801	8.4	19h 59m 15s.51	+2s.3974	+0s.0014	+30° 11′ 23″.3	+ 9″.971	+0″.299	93.1	1730 1843	30 3874
10802	9.3	59 15.74	2.4185	0.0014	29 24 13.6	9.971	0.302	80.1	27 415 1602	29 3878*
10803	9.2	59 19.65	2.4934	0.0012	26 31 11.7	9.976	0.311	88.7	1474	— —
10804	9.4	59 21.20	2.4069	0.0014	29 50 35.6	9.978	0.300	81.8	858 866	— —
10805	8.9	59 23.07	2.4271	0.0013	29 5 31.8	9.980	0.303	79.9	26 676 677 1406	29 3880
10806	9.0	19 59 23.37	+2.4930	+0.0012	+26 32 36.4	+ 9.981	+0.311	73.3	21 120 124	26 3775
10807	9.3	59 27.03	2.3988	0.0014	30 8 59.1	9.985	0.299	87.2	6 obs.[1]	30 3876
10808	8.8[2]	59 29.68	2.5008	0.0011	26 14 19.4	9.989	0.312	78.4	18 132 396 1588	26 3778*
10809	8.7	59 33.72	2.4919	0.0012	26 35 41.0	9.994	0.311	80.5	5 obs.[3]	26 3779
10810	9.0	59 33.96	2.4054	0.0014	29 54 41.0	9.994	0.300	78.2	237 248 307 1405	29 3882
10811	9.5	19 59 34.34	+2.4443	+0.0013	+28 26 51.8	+ 9.995	+0.305	72.6	7 15	28 3608*
10812	9.4	59 34.75	2.5174	0.0011	25 34 48.7	9.995	0.314	77.3	5 obs.[4]	25 4089
10813	8.4	59 35.33	2.5037	0.0011	26 7 44.4	9.996	0.312	79.3	5 obs.[5]	26 3780
10814	7.9	59 40.38	2.5143	0.0011	25 42 46.6	10.002	0.313	78.4	10 obs.	25 4090
10815	9.2	59 42.45	2.4028	0.0014	30 3 20.8	10.005	0.299	92.7	1729 1731	30 3880
10816	9.2	19 59 46.17	+2.5193	+0.0011	+25 31 6.2	+10.010	+0.314	85.7	1205 1206 1213	25 4092*
10817	9.3	59 47.66	2.4273	0.0014	29 6 32.1	10.011	0.303	83.8	415 1603	29 3885*
10818	8.4	59 48.80	2.3993	0.0014	30 9 10.9	10.013	0.299	92.6	1727 1728	30 3881
10819	9.0	59 50.65	2.4598	0.0013	27 51 58.2	10.015	0.306	74.2	5 obs.[6]	27 3603
10820	9.0	59 53.58	2.4779	0.0012	27 10 3.4	10.019	0.309	78.8	611	— —
10821	9.0	19 59 53.72	+2.4715	+0.0012	+27 25 4.3	+10.019	+0.308	77.7	6 obs.[7]	27 3605
10822	9.2	59 54.10	2.4680	0.0013	27 33 9.5	10.020	0.307	85.0	941 1208 1209 1211	27 3604*
10823	9.4	59 56.21	2.4884	0.0012	26 45 24.2	10.022	0.310	79.2	243 486 488 1312	26 3781
10824	8.4	59 57.45	2.5295	0.0010	25 6 38.4	10.024	0.315	76.4	7 obs.	25 4093
10825	8.0	20 0 0.77	2.4905	0.0012	26 40 39.1	10.028	0.310	79.5	8 obs.	26 3783
10826	9.4	20 0 5.97	+2.5301	+0.0010	+25 5 43.8	+10.035	+0.315	77.2	6 obs.[8]	25 4095
10827	9.2	0 6.26	2.4967	0.0011	26 26 14.3	10.035	0.311	80.7	780 782	26 3784*
10828	8.1	0 15.35	2.4810	0.0012	27 4 4.0	10.047	0.309	77.6	7 obs.	27 3607
10829	8.9	0 17.28	2.4927	0.0012	26 36 29.5	10.049	0.310	76.9	9 obs.	26 3786
10830	8.9	0 22.65	2.4701	0.0012	27 29 52.8	10.056	0.308	79.4	11 477 789 1307	27 3608
10831	8.7	20 0 27.34	+2.4174	+0.0014	+29 31 5.3	+10.062	+0.301	76.4	6 obs.[9]	29 3887
10832	7.9	0 34.47	2.5271	0.0010	25 14 40.7	10.071	0.314	84.0	863 1111 1207	25 4097
10833	7.7	0 40.15	2.4635	0.0013	27 46 28.9	10.078	0.306	77.7	8 obs.	27 3612
10834	8.1	0 41.71	2.4057	0.0015	29 58 28.0	10.080	0.299	76.5	5 obs.[10]	29 3889
10835	9.0	0 43.30	2.4424	0.0014	28 35 14.4	10.082	0.303	74.9	9 obs.	28 3617
10836	8.9	20 0 44.80	+2.4224	+0.0014	+29 21 9.4	+10.084	+0.301	80.2	6 obs.[11]	29 3890
10837	9.0	0 47.86	2.4209	0.0014	29 24 40.3	10.087	0.301	79.6	8 obs.	29 3891
10838	8.9	0 50.58	2.4211	0.0014	29 24 25.7	10.091	0.301	80.3	6 obs.[12]	29 3892
10839	8.5	0 51.30	2.4283	0.0014	29 7 59.9	10.092	0.302	79.7	248 307 1473	29 3893
10840	8.3	0 54.78	2.5311	0.0010	25 6 4.7	10.096	0.315	75.3	5 obs.[13]	25 4099
10841	9.4	20 0 56.48	+2.4039	+0.0015	+30 3 19.1	+10.098	+0.299	82.1	858 859 941	30 3887
10842	8.9	0 58.33	2.4026	0.0015	30 6 14.1	10.101	0.299	83.0	860 866 941 1220	30 3888
10843	8.3	0 59.77	2.4642	0.0013	27 46 5.9	10.103	0.306	75.7	6 obs.[14]	27 3613
10844	8.8	1 2.62	2.4436	0.0014	28 33 39.4	10.106	0.303	74.8	7 obs.	28 3619
10845	9.0	1 12.14	2.4715	0.0012	27 29 29.5	10.118	0.307	78.4	11 obs.	27 3616
10846	9.0	20 1 12.69	+2.4335	+0.0014	+28 57 27.7	+10.119	+0.302	74.0	15 245 254	28 3621
10847	9.3	1 25.03	2.4616	0.0013	27 53 38.4	10.134	0.305	80.0	303 482 1308	27 3618
10848	9.2	1 27.20	2.5122	0.0011	25 53 50.9	10.137	0.312	85.7	1214 1215 1216	25 4102*
10849	8.2	1 27.42	2.4737	0.0012	27 25 15.4	10.137	0.307	77.2	11 322 602 864	27 3619
10850	8.5	1 30.01	2.5264	0.0010	25 19 34.7	10.141	0.314	74.9	9 obs.	25 4103

[1] Z. 859 861 864 1731 1733 1734
[2] BD 9.2
[3] Z. 409 410 486 1222 1223
[4] » 128 136 242 319 1480
[5] » 243 411 488 590 1470
[6] Z. 8 16 35 397 405
[7] » 127 234 312 402 586 1317
[8] » 122 138 305 314 490 1315
[9] » 22 27 123 603 604 864
[10] » 26 125 135 317 1306
[11] Z. 233 237 415 594 1404 1471
[12] » 239 309 598 676 1303 1304
[13] » 29 128 314 316 599
[14] » 10 127 137 402 596 611

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10851	9.2	20h 1m 32.76	+2.4978	+0.0011	+26° 28' 40.5	+10.144	+0.310	83.1	5 obs.[1]	26 3792*
10852	9.4	1 38.11	2.4451	0.0014	28 32 26.7	10.151	0.303	76.8	417	— —
10853	9.0	1 40.00	2.4026	0.0015	30 8 56.1	10.153	0.298	74.0	27 123 317	30 3894
10854	9.4	1 54.06	2.4468	0.0013	28 29 34.6	10.171	0.303	79.7	6 obs.[2]	28 3623
10855	9.3	1 55.51	2.4129	0.0015	29 46 40.9	10.173	0.299	82.7	241 1588	29 3896*
10856	8.9	20 1 58.50	+2.4241	+0.0014	+29 21 40.8	+10.176	+0.300	78.7	5 obs.[3]	29 3897
10857	9.4	1 59.86	2.5065	0.0012	26 9 14.4	10.178	0.311	87.2	860 1737	26 3794
10858	8.4	2 0.17	2.5148	0.0011	25 49 19.5	10.178	0.312	77.3	5 obs.[4]	25 4105
10859	9.5	2 3.86	2.5178	0.0011	25 42 21.6	10.183	0.312	79.8	687 694	— —
10860	9.5	2 4.73	2.4460	0.0014	28 32 5.3	10.184	0.303	76.3	5 obs.[5]	28 3625
10861	9.4	20 2 6.22	+2.4849	+0.0013	+27 1 13.0	+10.186	+0.308	74.0	21 116 320	26 3796*
10862	8.8	2 9.20	2.4349	0.0014	28 57 56.9	10.190	0.301	77.1	5 obs.[6]	28 3626
10863	9.4	2 17.06	2.5195	0.0011	25 39 6.7	10.200	0.312	79.8	693	25 4108*
10864	8.8	2 18.32	2.4767	0.0013	27 21 22.1	10.201	0.307	78.3	5 obs.[7]	27 3621
10865	9.5	2 21.20	2.4858	0.0013	27 0 8.9	10.205	0.308	82.2	116 1589	— —
10866	9.2	20 2 29.49	+2.4196	+0.0015	+29 34 5.1	+10.215	+0.299	82.7	248 1586	29 3900*
10867	9.2	2 29.74	2.4592	0.0013	28 3 7.2	10.215	0.304	76.7	7 obs.	27 3622
10868	8.9	2 34.01	2.5011	0.0012	26 24 23.5	10.221	0.309	78.3	13 obs.	26 3799
10869	9.4	2 35.26	2.4140	0.0015	29 46 52.3	10.223	0.298	73.9	22 125 237 241	29 3902
10870	9.1	2 35.82	2.4265	0.0014	29 14 9.2	10.223	0.300	83.1	858 863 1207	29 3901*
10871	9.0	20 2 51.49	+2.5226	+0.0012	+25 33 28.7	+10.243	+0.311	77.9	122 319 321 1305	25 4111
10872	9.0	2 52.45	2.4945	0.0013	26 41 7.2	10.244	0.308	78.2	6 obs.[8]	26 3801
10873	9.4	2 54.21	2.4558	0.0013	28 12 31.6	10.246	0.303	85.7	1205 1206 1210 1211	28 3632*
10874	8.9	2 56.13	2.4053	0.0015	30 7 45.0	10.249	0.297	75.4	6 obs.[9]	30 3907
10875	9.2	2 56.47	2.5238	0.0012	25 30 43.9	10.249	0.312	83.1	864 867 1217	25 4112
10876	9.4	20 2 59.49	+2.4539	+0.0013	+28 17 16.6	+10.253	+0.303	85.4	246 1587 1590	28 3633*
10877	8.7	2 59.77	2.4753	0.0013	27 27 13.5	10.253	0.306	86.7	789 1736	27 3623
10878	9.1	3 0.44	2.4064	0.0015	30 5 36.8	10.254	0.297	82.5	6 obs.[10]	30 3909*
10879	8.3	3 0.56	2.4650	0.0013	27 51 26.3	10.254	0.304	78.9	5 obs.[11]	27 3624
10880	9.3	3 1.91	2.4206	0.0015	29 33 51.8	10.256	0.299	78.7	123 239 1407	29 3905
10881	9.5	20 3 2.05	+2.5188	+0.0012	+25 43 24.8	+10.256	+0.311	79.8	694	— —
10882	8.0	3 4.00	2.5123	0.0012	25 59 15.6	10.259	0.310	78.2	138 242 305 1470	25 4113
10883	9.2	3 4.88	2.4576	0.0013	28 9 1.1	10.260	0.304	82.7	482 861 1213 1220	28 3634*
10884	9.3	3 7.03	2.4934	0.0013	26 44 45.6	10.262	0.308	74.2	21 320	26 3802
10885	9.1	3 7.56	2.5340	0.0011	25 6 34.3	10.263	0.313	83.5	695 941 1208 1209	25 4114*
10886	8.0	20 3 7.83	+2.4910	+0.0013	+26 50 31.3	+10.263	+0.307	77.4	409 410 601	26 3803
10887	9.0	3 16.16	2.4935	0.0013	26 45 3.9	10.274	0.308	80.4	6 obs.[12]	26 3804
10888	9.0	3 16.41	2.4236	0.0014	29 27 45.4	10.274	0.299	78.4	123 307 324 1473	29 3907
10889	9.1	3 19.04	2.4242	0.0014	29 26 45.7	10.277	0.299	75.7	324	— —
10890	8.8	3 20.59	2.4193	0.0015	29 38 3.2	10.279	0.298	75.7	233 317 408	29 3908
10891	8.9	20 3 22.38	+2.5230	+0.0012	+25 34 7.4	+10.282	+0.311	76.7	6 obs.[13]	25 4115
10892	8.5	3 23.05	2.4113	0.0015	29 55 59.7	10.283	0.297	76.2	237 248 415 598	29 3909
10893	8.7	3 24.72	2.4054	0.0015	30 9 22.7	10.285	0.297	92.7	1731 1734	30 3911
10894	7.8	3 28.76	2.5148	0.0012	25 54 39.2	10.290	0.310	76.7	7 obs.	25 4116
10895	8.6	3 37.68	2.5380	0.0011	24 58 23.2	10.301	0.313	84.0	859 1114 1115 1117	24 4017
10896	8.9	20 3 38.00	+2.4107	+0.0015	+29 58 24.3	+10.301	+0.297	78.7	598 603 604	29 3910
10897	9.5	3 40.07	2.5415	0.0011	24 49 48.8	10.304	0.314	86.0	1222 1223 1225 1298	*24 4019**
10898	9.3	3 43.03	2.5010	0.0012	26 28 49.7	10.307	0.309	80.7	782	26 3807*
10899	8.3	3 50.44	2.4544	0.0014	28 19 12.8	10.317	0.302	76.3	9 obs.	28 3639
10900	8.7	3 53.43	2.4160	0.0015	29 47 19.4	10.320	0.298	74.2	24 309	29 3911

[1] Z. 782 861 863 1222 1223
[2] » 7 245 323 484 1312 1596
[3] » 26 125 307 1218 1219
[4] » 29 128 138 680 1313
[5] » 13 14 17 404 1317
[6] Z. 15 126 254 318 1474
[7] » 127 253 303 611 1476
[8] » 240 243 411 486 590 1314
[9] » 27 135 233 309 415 594
[10] Z. 135 783 (2) 1112 1311 1475
[11] » 137 303 586 589 1406
[12] » 243 396 411 609 1315 1477
[13] » 30 128 136 319 321 1480

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10901	8.9	20h 3m 55.s01	+2.s4921	+0.s0013	+26° 50' 44.″5	+10.″322	+0.″308	79.7	5 obs.[1]	26° 3808
10902	9.5	3 55.01	2.4356	0.0014	29 3 1.8	10.322	0.300	84.2	860 1312	28 3640
10903	9.3	3 59.96	2.4927	0.0013	26 49 29.0	10.329	0.308	79.3	5 obs.[2]	26 3809*
10904	9.5	4 0.96	2.5147	0.0012	25 56 36.8	10.330	0.310	74.7	30 122 479	25 4119
10905	8.8	4 2.20	2.4812	0.0013	27 16 57.1	10.331	0.306	76.9	9 obs.	27 3628
10906	9.2	20 4 4.11	+2.5378	+0.0011	+25 0 26.9	+10.334	+0.313	86.7	1300 1302 1308	24 4023*
10907	9.1	4 4.68	2.4058	0.0015	30 11 7.5	10.335	0.296	76.1	5 obs.[3]	30 3915
10908	9.4	4 5.09	2.5201	0.0012	25 43 39.8	10.335	0.311	77.1	5 obs.[4]	25 4120
10909	9.5	4 6.45	2.4570	0.0014	28 14 4.0	10.337	0.302	90.7	1595	28 3641*
10910	9.0	4 7.49	2.5175	0.0012	25 50 9.8	10.338	0.310	80.3	9 obs.	25 4121
10911	9.0	20 4 11.56	+2.4552	+0.0014	+28 18 29.1	+10.343	+0.302	75.7	246 304 323 404	28 3642
10912	9.4	4 12.44	2.5214	0.0012	25 40 54.7	10.344	0.311	81.4	9 obs.	25 4122
10913	9.3	4 16.36	2.4147	0.0015	29 51 45.3	10.349	0.297	92.7	1733 1735	29 3915
10914	8.5	4 18.84	2.4709	0.0014	27 42 21.4	10.352	0.304	76.7	10 35 397 1121	27 3630
10915	9.3	4 21.54	2.4489	0.0014	28 33 56.8	10.356	0.301	82.7	245 1585	— —
10916	9.1	20 4 22.54	+2.4197	+0.0015	+29 41 3.7	+10.357	+0.298	84.7	1118 1119 1120	29 3916*
10917	9.4	4 31.67	2.4201	0.0015	29 40 35.6	10.368	0.298	81.8	864 866	29 3917*
10918	9.0	4 31.79	2.4155	0.0015	29 51 1.9	10.368	0.297	76.5	10 obs.	29 3918
10919	8.2	4 32.39	2.4648	0.0014	27 57 28.4	10.369	0.303	76.9	11 322 477 863	27 3631
10920	8.9	4 34.94	2.4808	0.0013	27 20 4.5	10.372	0.305	79.4	7 obs.	27 3632
10921	9.4	20 4 35.62	+2.4209	+0.0015	+29 39 10.3	+10.373	+0.297	87.7	1403	— —
10922	8.1	4 36.59	2.4901	0.0013	26 57 54.7	10.374	0.306	74.9	21 116 243 609	26 3811
10923	9.4	4 38.14	2.4565	0.0014	28 17 29.6	10.376	0.302	85.7	1207 1214 1215	28 3643*
10924	8.1	4 39.58	2.4287	0.0015	29 21 36.6	10.378	0.299	76.4	125 307 686	29 3919
10925	7.8	4 40.42	2.5347	0.0011	25 10 5.6	10.379	0.311	78.7	5 obs.[5]	25 4124
10926	9.2	20 4 40.44	+2.4663	+0.0014	+27 54 30.1	+10.379	+0.303	83.2	137 1737	27 3633[6]
10927	8.9	4 44.99	2.4761	0.0014	27 31 56.9	10.385	0.304	91.4	1481 1731 1734	27 3634
10928	9.5	4 49.76	2.5165	0.0012	25 55 5.6	10.391	0.309	73.7	136	25 4126*
10929	9.5	4 50.00	2.4429	0.0015	28 49 41.7	10.391	0.300	72.6	15	— —
10930	7.6	4 53.97	2.4669	0.0014	27 54 6.0	10.396	0.303	77.8	6 obs.[7]	27 3636
10931	9.1	20 4 56.69	+2.5335	+0.0011	+25 14 5.9	+10.399	+0.311	80.4	321 400 1470	25 4127
10932	9.0	4 57.39	2.4430	0.0015	28 49 51.0	10.400	0.300	76.9	13 15 254 1407	28 3644
10933	9.5	4 57.86	2.5177	0.0012	25 52 52.7	10.401	0.309	79.7	680	— —
10934	8.6	4 58.14	2.5391	0.0011	25 0 25.8	10.401	0.312	79.2	11 obs.	24 4027
10935	8.6	4 59.22	2.4292	0.0015	29 21 48.7	10.403	0.298	77.4	7 obs.	29 3920
10936	9.0	20 5 3.46	+2.5099	+0.0012	+26 12 5.2	+10.408	+0.308	78.0	132 240 320 1406	26 3814
10937	9.2	5 6.04	2.4345	0.0015	29 9 54.7	10.411	0.299	83.7	403 1594	29 3922*
10938	9.2[8]	5 10.44	2.5358	0.0011	25 9 9.7	10.417	0.311	77.3	9 obs.	25 4130
10939	8.5	5 12.01	2.4317	0.0015	29 16 47.7	10.419	0.298	78.2	135 324 408 1311	29 3924
10940	9.2	5 12.37	2.5311	0.0011	25 20 56.5	10.419	0.311	85.0	6 obs.[9]	25 4131*
10941	9.0	20 5 20.10	+2.4777	+0.0014	+27 30 9.3	+10.429	+0.304	74.0	6 obs.[10]	27 3637
10942	5.8	5 20.48	2.5020	0.0013	26 32 5.5	10.429	0.307	78.8	8 obs.	26 3815
10943	9.2	5 20.93	2.4251	0.0015	29 32 25.2	10.430	0.298	80.7	5 obs.[11]	29 3925
10944	9.5	5 22.48	2.5190	0.0012	25 51 10.8	10.432	0.309	80.7	7 obs.	25 4132
10945	7.0	5 23.75	2.4635	0.0014	28 3 55.0	10.433	0.303	73.6	7 14 126 323	28 3645
10946	9.5	20 5 23.90	+2.5210	+0.0012	+25 46 21.4	+10.433	+0.310	85.9	5 obs.[12]	25 4133
10947	9.3	5 24.69	2.4246	0.0015	29 33 49.1	10.434	0.298	82.7	241 1585	— —
10948	8.5	5 26.83	2.4817	0.0013	27 21 4.6	10.437	0.305	80.2	253 601 602 1480	27 3638
10949	7.5	5 27.19	2.4396	0.0015	28 59 42.3	10.437	0.299	77.1	5 obs.[13]	28 3646
10950	7.8	5 30.04	2.4158	0.0015	29 54 18.0	10.441	0.296	79.0	6 obs.[14]	29 3926

[1] Z. 18 120 486 1307 1404
[2] » 18 120 861 941 1216
[3] » 22 239 248 603 676
[4] » 128 314 590 605 615
[5] » 138 305 411 599 1478
[6] BD and BB VI δ 1′ less
[7] Z. 127 253 303 477 586 1314
[8] Close double; middle
[9] Z. 860 1205 1208 1209 1210 1211
[10] » 10 16 35 137 321 397
[11] Z. 233 237 241 1473 1586
[12] » 697 1220 1222 1223 1731
[13] » 17 126 304 417 1312
[14] » 22 26 324 415 1405 1474

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
10951	9.5	20h 5m 37.86	+2.4767	+0.0014	+27° 33' 34.0	+10.451	+0.303	75.6	303	27° 3639*
10952	8.3	5 42.75	2.4920	0.0013	26 57 30.0	10.457	0.305	78.0	116 609 864	26 3816
10953	8.5	5 46.01	2.4435	0.0015	28 51 49.8	10.461	0.299	78.7	246 254 484 1404	28 3648
10954	8.9	5 46.35	2.4539	0.0014	28 27 45.4	10.461	0.301	76.1	318 328 417	28 3649
10955	8.4	5 46.44	2.4632	0.0014	28 6 5.6	10.461	0.302	78.5	245 304 863 866	28 3647
10956	9.1	20 5 49.45	+2.4610	+0.0014	+28 11 18.0	+10.465	+0.301	86.4	323 1590 1738	28 3650
10957	9.5	5 52.92	2.4974	0.0013	26 45 14.6	10.470	0.306	77.9	240 243 396 1219	26 3817
10958	9.2	5 54.27	2.4293	0.0015	29 25 6.1	10.471	0.298	82.7	858 859 860 1216	29 3927*
10959	8.8	5 55.04	2.4705	0.0014	27 49 22.0	10.472	0.303	77.2	11 137 397 1225	27 3640
10960	9.1	5 58.46	2.4520	0.0015	28 33 1.4	10.476	0.300	86.7	1308	28 3651*
10961	8.0	20 6 0.33	+2.4316	+0.0015	+29 20 7.9	+10.479	+0.298	77.5	9 obs.	29 3928
10962	8.9	6 0.89	2.5219	0.0012	25 46 13.1	10.479	0.309	78.6	10 obs.	25 4138
10963	8.6	6 6.44	2.5388	0.0011	25 5 0.5	10.486	0.311	79.5	7 obs.	25 4140
10964	9.0	6 8.81	2.5155	0.0012	26 2 35.5	10.489	0.308	78.0	305 606 680	25 4141
10965	9.1	6 8.85	2.4149	0.0016	29 58 52.0	10.489	0.296	79.4	123 317 1476	29 3930
10966	8.7	20 6 12.13	+2.4377	+0.0015	+29 6 56.5	+10.493	+0.299	77.2	233 237 317 1015	29 3931
10967	9.0	6 13.11	2.4613	0.0014	28 12 20.9	10.495	0.301	82.0	404 867 1118 1119	28 3652
10968	9.4	6 13.12	2.5064	0.0012	26 24 34.2	10.495	0.307	80.7	780	— —
10969	9.4	6 15.18	2.5066	0.0012	26 23 37.0	10.497	0.307	85.7	780 1602	— —
10970	9.0	6 17.33	2.5164	0.0012	26 0 52.8	10.500	0.308	78.7	400 606 679 684	25 4144
10971	7.9	20 6 20.04	+2.4462	+0.0015	+28 47 45.2	+10.503	+0.300	77.4	6 obs. [1]	28 3653
10972	8.8	6 25.77	2.4903	0.0013	27 4 22.3	10.510	0.305	75.9	5 obs. [2]	27 3642
10973	9.5	6 27.76	2.4861	0.0013	27 14 20.6	10.513	0.304	74.8	253	27 3643*
10974	5.9	6 34.60	2.5064	0.0012	26 26 13.6	10.521	0.307	76.5	5 obs. [3]	26 3825
10975	6.3	6 37.59	2.5043	0.0013	26 31 26.2	10.525	0.306	75.4	132 255 488	26 3826
10976	9.0	20 6 38.05	+2.5163	+0.0012	+26 2 27.8	+10.526	+0.308	81.4	7 obs.	25 4145
10977	9.0	6 38.63	2.5173	0.0012	25 59 54.3	10.526	0.308	79.8	12 obs.	25 4146
10978	9.5	6 38.77	2.4718	0.0014	27 49 6.8	10.526	0.302	72.7	35	27 3645*
10979	9.4	6 41.09	2.5287	0.0012	25 31 56.1	10.529	0.309	77.1	5 obs. [4]	25 4147
10980	7.5	6 43.54	2.5081	0.0012	26 22 17.4	10.532	0.307	77.2	240 410 601 609	26 3827
10981	6.1	20 6 46.20	+2.5148	+0.0012	+26 6 23.9	+10.536	+0.308	76.9	21 116 243 1314	26 3828
10982	8.7	6 46.77	2.4484	0.0015	28 44 25.8	10.536	0.299	75.0	14 323 402	28 3656
10983	9.4	6 47.74	2.4868	0.0013	27 13 58.2	10.538	0.304	80.4	477 860 863	27 3647
10984	9.2	6 49.24	2.4551	0.0014	28 29 9.0	10.539	0.300	75.8	328	28 3655*
10985	8.7	6 53.29	2.4466	0.0015	28 49 10.2	10.545	0.299	78.7	6 obs. [5]	28 3658
10986	9.0	20 6 54.10	+2.4542	+0.0015	+28 31 22.7	+10.546	+0.299	75.3	5 obs. [6]	28 3657
10987	9.5	6 59.44	2.4871	0.0013	27 14 5.2	10.552	0.304	81.8	866	— —
10988	9.3	7 2.88	2.4139	0.0016	30 4 49.5	10.557	0.295	80.7	783	30 3938*
10989	9.2	7 3.19	2.4629	0.0014	28 11 38.4	10.557	0.300	74.7	245	28 3659*
10990	8.6	7 4.10	2.4652	0.0014	28 6 13.2	10.558	0.301	78.5	245 318 484 1217	28 3661
10991	9.0	20 7 11.81	+2.4467	+0.0015	+28 50 11.7	+10.567	+0.298	77.2	15 867	28 3662
10992	8.7[7]	7 14.79	2.4424	0.0015	29 0 20.4	10.571	0.298	79.0	6 obs. [8]	28 3664
10993	9.4	7 15.21	2.4138	0.0016	30 5 50.3	10.572	0.295	86.7	783 1736	30 3940
10994	9.5	7 15.54	2.4129	0.0016	30 7 47.8	10.572	0.294	81.8	864	30 3941*
10995	7.5	7 15.90	2.5358	0.0011	25 16 32.4	10 573	0.310	77.7	128 242 305 1311	25 4149
10996	8.9	20 7 17.05	+2.4490	+0.0015	+28 45 12.2	+10.574	+0.299	79.0	6 obs. [9]	28 3663
10997	8.9	7 17.07	2.4166	0.0016	29 59 41.2	10.574	0.295	76.5	7 obs.	29 3935
10998	8.8	7 17.97	2.5310	0.0011	25 28 34.3	10.575	0.310	80.1	10 obs.	25 4150
10999	9.3	7 18.20	2.4470	0.0015	28 49 44.4	10.575	0.299	76.4	14 254 867	28 3665
11000	9.0	7 24.29	2.5324	0.0011	25 25 26.9	10.583	0.309	79.0	7 obs.	25 4151

[1] Z. 13 246 254 417 602 1317
[2] » 127 312 315 322 611
[3] » 18 255 320 601 782
[4] Z. 30 136 599 685 789
[5] » 246 304 485 596 600 1305
[6] » 7 126 328 404 484
[7] Close double; south following
[8] Z. 126 676 680 685 789 796
[9] » 17 402 485 604 676 1474

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11001	8.9	20h 7m 33.46	+2.4762	+0.0014	+27° 41' 58.9	+10.594	+0.302	74.9	5 obs.[1]	27° 3649
11002	9.5	7 36.04	2.5340	0.0011	25 22 14.4	10.597	0.309	74.7	242	— —
11003	9.5	7 37.71	2.4382	0.0015	29 11 25.3	10.600	0.297	90.8	1600	29 3936*
11004	8.9	7 46.01	2.4193	0.0016	29 55 10.3	10.610	0.294	74.4	123 135 324	29 3940
11005	7.9	7 46.36	2.4965	0.0013	26 54 34.1	10.610	0.304	77.1	5 obs.[2]	26 3831
11006	9.5[3]	20 7 49.16	+2.4478	+0.0015	+28 50 0.7	+10.614	+0.298	72.6	15 17	28 3668*
11007	9.5	7 51.22	2.4377	0.0015	29 13 24.0	10.616	0.297	75.7	307	29 3941*
11008	9.3	7 53.53	2.5393	0.0011	25 10 12.7	10.619	0.310	90.7	1592	25 4153*
11009	9.2	7 57.07	2.4435	0.0015	29 0 38.4	10.623	0.298	84.4	859 1206 1209	28 3670*
11010	8.8	7 58.23	2.5399	0.0011	25 8 47.1	10.625	0.310	76.8	30 136 256 1225	25 4154
11011	8.5	20 7 59.11	+2.5468	+0.0011	+24 51 56.6	+10.626	+0.310	85.2	1112 1114 1207 1211	24 4045
11012	8.3	8 0.45	2.4149	0.0016	30 6 11.5	10.628	0.294	79.0	26 233 861 1313	30 3946
11013	8.3	8 26.16	2.4805	0.0014	27 35 9.3	10.659	0.302	76.9	5 obs.[4]	27 3652
11014	9.5	8 26.74	2.5206	0.0012	25 58 33.3	10.660	0.307	84.5	858 859 1219 1481	25 4156
11015	8.0	8 28.06	2.4914	0.0013	27 9 28.1	10.662	0.303	77.3	8 obs.	27 3653
11016	9.2	20 8 28.11	+2.4462	+0.0015	+28 56 15.3	+10.662	+0.298	83.7	864 1213	28 3673*
11017	9.4	8 31.72	2.4161	0.0016	30 5 41.4	10.666	0.294	85.1	5 obs.[5]	30 3949*
11018	9.0	8 32.24	2.5373	0.0011	25 17 23.9	10.667	0.309	83.7	861 1118 1119	25 4158
11019	8.8	8 32.90	2.5109	0.0013	26 22 24.8	10.668	0.305	76.4	7 obs.	26 3835
11020	9.5	8 33.23	2.5448	0.0011	24 58 46.3	10.668	0.309	77.7	490	24 4048*
11021	9.4	20 8 33.89	+2.5209	+0.0013	+25 57 56.2	+10.669	+0.306	76.6	400	— —
11022	9.0	8 35.28	2.5071	0.0013	26 31 49.8	10.671	0.305	75.9	5 obs.[6]	26 3836
11023	9.5	8 39.37	2.5348	0.0012	25 24 18.1	10.676	0.308	74.7	128 319	25 4159*
11024	8.9	8 47.70	2.4874	0.0014	27 20 8.2	10.686	0.302	74.4	10 11 322 397	27 3655
11025	9.5	8 56.75	2.5216	0.0013	25 57 51.4	10.697	0.306	77.4	136 305 941	25 4160
11026	9.3	20 8 58.65	+2.4158	+0.0016	+30 8 13.1	+10.700	+0.294	84.8	860 1220 1315	30 3951*
11027	9.3	8 59.37	2.4177	0.0016	30 3 57.3	10.700	0.294	85.9	5 obs.[7]	30 3952*
11028	6.0	9 6.42	2.4632	0.0015	28 19 1.6	10.709	0.299	74.1	7 obs.	28 3675
11029	9.1	9 6.75	2.4200	0.0016	29 59 3.5	10.710	0.294	86.4	1217 1305 1312	29 3945*
11030	9.2	9 7.29	2.4386	0.0015	29 16 29.0	10.710	0.296	75.7	125 408 415	29 3946
11031	9.0	20 9 7.63	+2.4431	+0.0015	+29 6 1.9	+10.711	+0.297	77.1	5 obs.[8]	29 3947
11032	9.1	9 14.79	2.5047	0.0014	26 40 10.3	10.719	0.304	86.0	1116 1117 1475	26 3837*
11033	7.0	9 15.21	2.4252	0.0016	29 47 55.9	10.720	0.295	76.0	123 317 603	29 3948
11034	9.2	9 28.27	2.5464	0.0011	24 58 17.2	10.736	0.309	87.2	1298 1404	24 4057*
11035	8.3	9 31.35	2.4999	0.0014	26 52 51.1	10.740	0.303	74.6	120 132 396	26 3838
11036	8.8	20 9 32.96	+2.5115	+0.0013	+26 24 48.1	+10.742	+0.305	80.3	7 obs.	26 3840
11037	8.9	9 33.38	2.5472	0.0012	24 56 28.8	10.742	0.308	79.6	7 obs.	24 4060
11038	8.7	9 35.10	2.4189	0.0016	30 3 28.6	10.744	0.293	79.2	415 676 685 783	29 3949
11039	9.4	9 43.26	2.5325	0.0013	25 33 45.3	10.755	0.307	88.0	859 1474 1476 1736	25 4162
11040	8.9	9 51.41	2.4337	0.0016	29 30 43.7	10.765	0.295	79.7	603 676 696 784	29 3952
11041	8.9	20 9 52.24	+2.4317	+0.0016	+29 35 26.4	+10.766	+0.294	82.0	7 obs.	29 3953
11042	9.1	9 52.26	2.5239	0.0013	25 55 31.9	10.766	0.306	80.6	9 obs.	25 4163*
11043	9.5	9 53.06	2.5241	0.0013	25 55 9.5	10.767	0.306	79.8	694	— —
11044	9.2	9 53.22	2.4278	0.0016	29 44 40.4	10.767	0.294	86.3	852 1300 1588	29 3954*
11045	5.2	9 58.04	2.5413	0.0012	25 12 40.7	10.773	0.308	82.7	409 1112 1114 1122	25 4165
11046	9.3	20 10 1.43	+2.5140	+0.0013	+26 20 35.6	+10.777	+0.305	80.1	5 obs.[9]	26 3841
11047	9.3	10 3.43	2.4266	0.0016	29 48 5.8	10.779	0.294	80.4	6 obs.[10]	29 3955
11048	9.0	10 4.68	2.4929	0.0014	27 12 3.4	10.781	0.302	82.4	6 obs.[11]	27 3662
11049	9.4	10 7.44	2.4266	0.0016	29 48 18.7	10.784	0.294	78.2	123 938	29 3957
11050	9.0	10 11.07	2.4943	0.0014	27 9 9.0	10.789	0.302	92.7	1731 1733	27 3663

[1] Z. 10 11 137 397 611
[2] » 18 120 320 396 1308
[3] Double: south following
[4] Z. 35 137 303 322 1317
[5] Z. 311 1222 1223 1403 1586
[6] » 18 243 409 411 609
[7] » 863 1205 1306 1307 1477
[8] » 26 233 324 603 1015
[9] Z. 21 678 858 932 1028
[10] » 123 685 852 855 938 1011
[11] » 675 854 856 1008 1019 1023

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11051	9.0	$20^h\ 10^m\ 13^s.50$	+2ˢ.4933	+0ˢ.0014	+27° 11′ 33″.5	+10″.792	+0″.302	82.7	854 856 1023 1024	27° 3664
11052	9.4	10 13.79	2.4268	0.0016	29 48 7.9	10.792	0.293	87.2	860 1737	29 3958
11053	8.0	10 16.51	2.4312	0.0016	29 38 21.2	10.795	0.294	84.4	853 1222 1223	29 3959
11054	9.0	10 20.44	2.4511	0.0016	28 52 11.1	10.800	0.296	72.6	13 14 17	28 3679
11055	9.2	10 21.17	2.4725	0.0015	28 1 56.3	10.801	0.299	82.7	11 1738	27 3665
11056	9.3	20 10 21.58	+2.5418	+0.0012	+25 12 55.3	+10.802	+0.308	85.8	615 1740	25 4168
11057	9.0	10 22.20	2.5347	0.0013	25 30 31.1	10.802	0.307	83.7	1009 1025	25 4169
11058	9.0	10 27.18	2.5140	0.0013	26 22 2.0	10.809	0.305	79.9	5 obs.[1]	26 3843
11059	8.5	10 28.69	2.5261	0.0013	25 52 35.4	10.810	0.306	81.2	321 863 1009 1022	25 4170
11060	8.9	10 29.85	2.4531	0.0016	28 48 16.0	10.812	0.297	76.7	246 328 675	28 3680
11061	9.0	20 10 32.54	+2.4665	+0.0015	+28 16 55.9	+10.815	+0.298	75.3	7 17 784	28 3681
11062	4.9	10 35.26	2.4879	0.0014	27 25 53.8	10.818	0.301	80.7	10 1477	27 3666
11063	9.5	10 38.84	2.5344	0.0013	25 32 22.8	10.823	0.306	86.8	793 1741	25 4171
11064	9.2	10 46.64	2.4193	0.0017	30 7 36.4	10.832	0.292	85.8	1220	30 3968*
11065	9.1	10 47.29	2.5071	0.0014	26 40 11.3	10.833	0.303	84.7	1118 1119	26 3846*
11066	9.2	20 10 52.64	+2.4203	+0.0017	+30 6 17.1	+10.840	+0.292	88.7	1473	30 3970*
11067	9.2	10 58.51	2.5027	0.0014	26 51 49.6	10.847	0.302	85.7	941 1478	26 3847*
11068	8.8	10 59.78	2.4575	0.0016	28 39 53.3	10.849	0.297	79.4	246 675 1019	28 3682
11069	9.4	11 2.27	2.4457	0.0016	29 7 53.3	10.852	0.296	81.2	603 1015	29 3962
11070	9.1	11 3.75	2.5159	0.0013	26 19 44.8	10.853	0.304	89.8	1475 1603	26 3848*
11071	9.2	20 11 4.31	+2.5488	+0.0012	+24 58 0.9	+10.854	+0.308	91.7	1638	24 4072*
11072	7.5	11 6.96	2.5214	0.0013	26 6 22.5	10.857	0.305	82.4	685 1010 1025	26 3849
11073	8.0	11 10.39	2.5364	0.0012	25 29 23.0	10.862	0.306	81.0	319 1012 1026	25 4173
11074	7.1	11 15.74	2.4901	0.0014	27 23 31.1	10.868	0.301	86.2	1010 1024 1116 1731	27 3668
11075	8.6	11 17.86	2.4396	0.0016	29 23 11.7	10.871	0.294	76.3	26 (2) 1012	29 3964
11076	8.1	20 11 18.69	+2.4559	+0.0016	+28 44 52.1	+10.872	+0.297	83.7	1003 1013 1018	28 3684
11077	9.2	11 22.97	2.5444	0.0012	25 10 13.3	10.877	0.307	88.7	1476	25 4176*
11078	9.3	11 25.13	2.4358	0.0017	29 32 23.3	10.880	0.294	82.7	855 856 1007 1015	29 3966
11079	9.0	11 29.70	2.4977	0.0014	27 5 49.8	10.885	0.301	81.2	793 852	27 3671
11080	7.5	11 30.40	2.4718	0.0015	28 8 18.3	10.886	0.298	72.6	13 14 15	28 3685
11081	9.4	20 11 36.64	+2.4217	+0.0017	+30 5 38.9	+10.894	+0.292	81.7	860	30 3973*
11082	7.9	11 38.12	2.5085	0.0014	26 40 8.9	10.896	0.302	83.0	863 1004 1014	26 3850
11083	8.6	11 38.82	2.5249	0.0013	25 59 57.1	10.896	0.304	81.4	615 861 1026	25 4178
11084	9.0	11 47.74	2.5301	0.0013	25 48 24.3	10.907	0.305	76.7	29 784	25 4180
11085	8.4	11 53.75	2.4294	0.0017	29 49 10.3	10.914	0.293	83.0	6 obs.[2]	29 3969
11086	8.2	20 11 53.91	+2.4318	+0.0017	+29 43 38.1	+10.915	+0.293	82.4	6 obs.[3]	29 3968
11087	9.4	11 54.39	2.4764	0.0015	27 58 45.0	10.915	0.298	80.7	782	27 3673*
11088	8.9	12 2.98	2.4484	0.0016	29 5 30.8	10.926	0.295	81.2	603 1016	29 3970
11089	8.9	12 3.14	2.4300	0.0017	29 48 30.2	10.926	0.293	82.7	859 938 1025	29 3971
11090	9.0	12 4.06	2.4321	0.0017	29 43 35.4	10.927	0.293	86.7	783 1739	29 3973
11091	9.0	20 12 4.22	+2.5080	+0.0014	+26 42 59.8	+10.928	+0.302	84.7	1117	— —
11092	8.7	12 4.34	2.5213	0.0013	26 10 16.8	10.928	0.303	80.0	18 678 1403	26 3852
11093	8.0	12 5.14	2.4629	0.0016	28 31 46.1	10.929	0.296	76.1	7 676	28 3689
11094	9.3	12 10.84	2.4274	0.0017	29 55 3.0	10.936	0.292	88.2	1019 1734	29 3975
11095	9.4	12 12.01	2.4509	0.0016	29 0 27.2	10.937	0.295	92.7	1733 1737	28 3691
11096	9.4	20 12 12.20	+2.5247	+0.0013	+26 2 20.8	+10.937	+0.304	78.7	319 858	25 4183
11097	9.0	12 16.36	2.4640	0.0015	28 29 46.5	10.942	0.296	81.5	246 1007 1018 1024	28 3692
11098	9.4	12 17.68	2.4588	0.0016	28 42 12.6	10.944	0.296	83.0	856 1011 1022	28 3693
11099	8.3	12 18.89	2.5262	0.0013	25 59 10.1	10.945	0.304	79.1	138 615 1120	25 4184
11100	9.4	12 22.17	2.4843	0.0015	27 41 44.6	10.949	0.299	85.8	1219 1222	27 3675*

[1] Z. 21 120 678 1219 1403 [2] Z. 853 854 1005 1013 1017 1022 [3] Z. 685 783 932 941 1017 1117

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11101	7.0	20h 12m 24.s23	+2.s4576	+0.s0016	+28° 45' 36."1	+10."952	+0."295	84.7	1114 1119 1121	28° 3695
11102	9.0	12 24.54	2.4836	0.0015	27 43 28.7	10.952	0.299	77.4	10 11 701 1115	27 3676
11103	9.1	12 25.10	2.4426	0.0016	29 20 42.1	10.953	0.294	83.2	861 1118	29 3976*
11104	9.0	12 26.51	2.4736	0.0015	28 7 48.7	10.955	0.297	74.5	5 obs.[1]	28 3694
11105	7.8	12 27.83	2.4274	0.0017	29 56 7.3	10.956	0.292	83.1	5 obs.[2]	29 3977
11106	9.0	20 12 41.24	+2.5479	+0.0012	+25 6 16.9	+10.973	+0.306	81.2	6 obs.[3]	25 4186
11107	8.9	12 52.55	2.4995	0.0014	27 7 2.7	10.987	0.300	78.7	137 675 941	27 3677
11108	9.4	12 52.88	2.4975	0.0014	27 11 49.3	10.987	0.300	88.7	1475	27 3679*
11109	9.3	12 53.40	2.4795	0.0015	27 55 21.4	10.988	0.297	87.2	1220 1477	27 3678*
11110	8.5	12 56.00	2.5479	0.0012	25 7 19.5	10.991	0.306	79.1	29 793 1018	25 4188
11111	9.1	20 12 56.16	+2.5139	+0.0014	+26 32 7.5	+10.991	+0.302	81.0	678 796 852 855	26 3856
11112	7.4	12 58.99	2.5447	0.0012	25 15 34.9	10.994	0.305	77.7	128 136 696 1016	25 4189
11113	9.2	13 1.24	2.4966	0.0014	27 14 35.4	10.997	0.300	87.2	1217 1473	27 3680*
11114	8.4	13 3.22	2.5455	0.0012	25 13 48.4	11.000	0.305	81.0	693 784 932	25 4190
11115	8.7	13 6.18	2.4573	0.0016	28 49 6.7	11.003	0.295	83.7	246 1738	28 3698
11116	9.5	20 13 9.53	+2.5141	+0.0014	+26 32 19.9	+11.007	+0.302	72.7	21	26 3857*
11117	9.3	13 9.69	2.4955	0.0014	27 17 47.6	11.007	0.300	89.4	1308 1476 1736	27 3682
11118	9.1	13 18.18	2.4359	0.0017	29 40 0.8	11.018	0.292	86.7	1305 1306 1307	29 3983*
11119	8.0	13 21.64	2.4280	0.0017	29 58 40.5	11.022	0.291	73.4	26 27 248	29 3984
11120	9.0	13 24.82	2.4784	0.0015	28 0 13.0	11.026	0.297	76.1	8 obs.	27 3683
11121	9.1	20 13 25.17	+2.4992	+0.0014	+27 9 51.0	+11.026	+0.300	80.7	137 859 1315	27 3684*
11122	7.0	13 36.42	2.5133	0.0014	26 36 6.6	11.040	0.301	75.7	5 obs.[4]	26 3859
11123	9.3	13 41.70	2.5244	0.0013	26 8 56.3	11.046	0.303	80.8	790	26 3860*
11124	9.5	13 47.47	2.4571	0.0016	28 52 27.4	11.053	0.294	72.6	7 14	28 3700*
11125	9.3	13 47.95	2.4577	0.0016	28 51 6.6	11.054	0.294	76.7	15 323 861	28 3702
11126	8.2	20 13 49.69	+2.5350	+0.0013	+25 43 3.6	+11.056	+0.304	75.9	7 obs.	25 4193
11127	9.4	13 50.09	2.4264	0.0017	30 4 24.7	11.056	0.290	84.7	867 1211 1298	30 3981*
11128	9.2	13 52.14	2.4243	0.0017	30 9 32.9	11.059	0.290	87.1	1129 1225 1603	30 3982*
11129	9.0	13 54.42	2.5403	0.0013	25 30 14.2	11.062	0.304	78.3	7 obs.	25 4194
11130	9.1	13 58.26	2.4832	0.0016	27 50 53.5	11.067	0.297	73.7	10 35 322	27 3685
11131	9.4	20 13 59.64	+2.4579	+0.0016	+28 51 29.2	+11.068	+0.294	77.7	13 941	28 3703
11132	9.3	14 0.54	2.5252	0.0014	26 8 17.4	11.069	0.303	79.5	320 695 783 856	26 3861
11133	7.3	14 3.87	2.4516	0.0016	29 6 29.3	11.073	0.294	75.4	6 obs.[5]	29 3989
11134	9.3	14 4.88	2.5247	0.0014	26 9 45.7	11.075	0.303	77.7	320 680	— —
11135	8.8	14 8.87	2.5005	0.0015	27 9 45.1	11.079	0.300	81.2	127 477 866 1636	27 3686
11136	9.3	20 14 11.54	+2.4881	+0.0016	+27 39 58.8	+11.083	+0.298	85.7	1207 1222	27 3688*
11137	8.9	14 14.55	2.4230	0.0017	30 13 55.5	11.086	0.290	76.0	237 248 598	*30 3984*
11138	9.4	14 15.88	2.5171	0.0014	26 29 15.9	11.088	0.301	78.9	8 obs.	26 3863
11139	9.0	14 16.31	2.4407	0.0017	29 32 54.5	11.088	0.292	75.2	239 311	29 3990
11140	8.3	14 21.23	2.5039	0.0015	27 2 2.3	11.094	0.300	86.7	1112 1114 1115 1738	26 3864
11141	9.2	20 14 23.93	+2.4949	+0.0015	+27 24 23.4	+11.098	+0.299	85.4	864 1219 1474	27 3691*
11142	9.2	14 25.85	2.4677	0.0016	28 30 3.3	11.100	0.295	84.7	1118 1119 1121	28 3704*
11143	9.1	14 26.74	2.4761	0.0016	28 9 55.4	11.101	0.296	85.4	858 1309 1412	28 3705*
11144	8.7	14 27.08	2.4962	0.0015	27 21 31.1	11.102	0.299	84.2	322 1737	27 3692
11145	9.1	14 28.00	2.4412	0.0017	29 32 34.7	11.103	0.292	77.4	239 307 863	29 3991*
11146	9.3	20 14 29.46	+2.4990	+0.0015	+27 14 46.2	+11.104	+0.299	80.5	127 596 601 1602	27 3693*
11147	9.4	14 29.69	2.4595	0.0016	28 49 47.6	11.105	0.294	81.7	17 860 1214 1311	28 3706*
11148	8.7	14 35.98	2.4249	0.0018	30 11 12.8	11.112	0.290	75.0	27 135 594	30 3987
11149	6.9	14 43.86	2.4471	0.0017	29 20 4.2	11.122	0.292	77.9	22 26 676 1312	29 3992
11150	9.1	14 44.64	2.5162	0.0015	26 33 22.2	11.123	0.300	78.8	6 obs.[6]	26 3866

[1] Z. 13 14 15 17 863
[2] » 237 676 1014 1112 1731
[3] Z. 305 606 679 789 860 1588
[4] » 18 243 409 410 488
[5] Z. 135 139 317 324 403 408
[6] » 18 396 486 488 782 1406

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11151	9.4	20h 14m 44s.90	+2s.4287	+0s.0018	+30° 2' 52".5	+11".123	+0".290	88.1	1131 1313 1735	29°3993
11152	9.2	14 48.52	2.5086	0.0015	26 52 29.9	11.128	0.300	86.1	1216 1217 1314	26 3867*
11153	9.3	14 59.32	2.4961	0.0015	27 23 48.8	11.141	0.298	78.5	5 obs.[1]	27 3694
11154	9.0	15 1.17	2.4292	0.0018	30 2 50.1	11.143	0.290	82.1	5 obs.[2]	29 3994
11155	9.2	15 5.30	2.5137	0.0015	26 41 5.1	11.148	0.300	83.7	859 1116 1117	26 3869*
11156	8.9	20 15 8.78	+2.5361	+0.0014	+25 45 26.9	+11.152	+0.303	77.1	7 obs.	25 4198
11157	9.5	15 9.00	2.5191	0.0014	26 27 51.1	11.152	0.301	83.7	410 1601	26 3870*
11158	9.3	15 9.51	2.5490	0.0012	25 12 57.7	11.153	0.304	79.0	5 obs.[3]	25 4197
11159	9.0	15 10.12	2.4893	0.0016	27 41 16.8	11.154	0.297	81.7	5 obs.[4]	27 3697
11160	9.3	15 10.27	2.4953	0.0015	27 26 34.4	11.154	0.298	76.9	5 obs.[5]	27 3696
11161	9.5	20 15 11.76	+2.5489	+0.0012	+25 13 20.9	+11.156	+0.304	80.2	138 1303	25 4199
11162	8.6	15 14.48	2.5222	0.0014	26 20 31.0	11.159	0.301	79.1	5 obs.[6]	26 3871
11163	9.3	15 16.76	2.5506	0.0012	25 9 23.8	11.162	0.304	90.7	1589	25 4200*
11164	8.5	15 16.77	2.4446	0.0017	29 28 20.0	11.162	0.291	79.3	5 obs.[7]	29 3995
11165	9.0	15 23.64	2.4678	0.0017	28 33 48.8	11.170	0.294	75.2	6 obs.[8]	28 3710
11166	9.3	20 15 24.20	+2.4721	+0.0016	+28 23 28.4	+11.171	+0.295	84.2	858 1306	28 3709*
11167	8.4	15 25.22	2.4421	0.0018	29 34 45.8	11.172	0.291	81.1	5 obs.[9]	29 3997
11168	8.2	15 29.93	2.4977	0.0015	27 22 1.8	11.178	0.297	79.0	17 obs.	27 3699
11169	9.2	15 32.13	2.5346	0.0014	25 50 51.6	11.180	0.302	83.4	861 864 1300	25 4202*
11170	9.3	15 34.84	2.5367	0.0014	25 45 45.8	11.184	0.302	75.5	6 obs.[10]	25 4204
11171	9.0	20 15 36.45	+2.4790	+0.0016	+28 7 42.7	+11.186	+0.295	73.4	7 13 15 328	28 3712
11172	8.4	15 46.05	2.5067	0.0015	27 1 3.1	11.197	0.298	78.5	9 obs.	26 3874
11173	9.3	15 47.32	2.5040	0.0015	27 7 48.6	11.199	0.298	87.2	867 1225 1470 1734	27 3700
11174	9.0	15 47.62	2.5495	0.0013	25 14 8.4	11.199	0.303	75.2	136 400	25 4205
11175	9.3	15 53.13	2.4767	0.0016	28 14 30.9	11.206	0.294	83.3	860 863 1129 1130	28 3713*
11176	8.6	20 15 54.19	+2.5053	+0.0015	+27 5 4.6	+11.207	+0.298	82.8	611 1317	27 3701
11177	8.2	15 57.61	2.5044	0.0015	27 7 17.5	11.211	0.298	78.2	127 601 611 866	27 3703
11178	9.5	15 57.82	2.4549	0.0017	29 6 52.4	11.211	0.292	90.7	1597	29 3999*
11179	8.5	16 4.59	2.4901	0.0016	27 42 58.2	11.220	0.296	79.1	5 obs.[11]	27 3704
11180	9.5	16 6.34	2.5557	0.0013	24 59 38.7	11.222	0.304	85.7	1207 1211	24 4099*
11181	8.0	20 16 15.03	+2.4377	+0.0018	+29 48 29.9	+11.232	+0.290	74.2	26 46 307 324	29 4001
11182	8.7	16 16.07	2.4275	0.0018	30 12 15.2	11.234	0.288	84.2	311 1740	30 3994
11183	9.4	16 19.87	2.4402	0.0018	29 42 59.5	11.238	0.290	83.2	135 1742	29 4002
11184	8.9	16 21.35	2.4338	0.0018	29 57 59.6	11.240	0.289	75.2	237 248 317 329	29 4003
11185	8.5	16 22.01	2.4895	0.0016	27 45 37.0	11.241	0.296	74.4	35 137 402	27 3705
11186	9.0	20 16 23.16	+2.5263	+0.0014	+26 15 4.0	+11.242	+0.300	73.3	18 21 240	26 3875
11187	9.5	16 23.68	2.4312	0.0018	30 4 19.6	11.243	0.289	83.7	861 1118 1119	30 3997*
11188	8.8	16 24.36	2.5477	0.0013	25 21 15.3	11.244	0.303	75.0	29 316 319 321	25 4208
11189	7.4	16 25.82	2.4282	0.0018	30 11 33.7	11.245	0.288	75.2	139 239 311 403	30 3998
11190	8.5	16 27.17	2.4841	0.0016	27 58 59.9	11.247	0.295	78.4	11 322 600 1312	27 3706
11191	9.5	20 16 30.30	+2.5254	+0.0014	+26 17 43.3	+11.251	+0.300	86.1	1219 1222 1309	26 3876*
11192	9.4	16 33.50	2.4975	0.0015	27 26 57.4	11.255	0.297	72.7	25	27 3707*
11193	9.1	16 35.23	2.5485	0.0013	25 20 10.9	11.257	0.302	82.2	316 864 1214 1215	25 4209*
11194	9.1	16 43.94	2.4571	0.0017	29 5 5.8	11.267	0.291	85.1	1121 1124 1216	29 4005*
11195	8.7	16 48.04	2.4672	0.0017	28 41 11.7	11.272	0.292	76.4	17 126 254 1106	28 3715
11196	9.0	20 16 51.38	+2.4701	+0.0017	+28 34 29.3	+11.276	+0.293	75.4	15 130 404 602	28 3716
11197	8.1	16 52.23	2.5345	0.0014	25 56 23.8	11.277	0.300	83.8	256 1741	25 4212
11198	9.3	16 53.26	2.5182	0.0015	26 37 14.7	11.279	0.299	80.7	782	26 3878*
11199	9.0	16 55.59	2.5040	0.0015	27 12 26.8	11.281	0.297	77.9	5 obs.[12]	27 3708
11200	8.2	16 58.35	2.4736	0.0016	28 26 32.6	11.285	0.293	78.3	10 obs.	28 3717

[1] Z. 137 312 322 600 1475
[2] » 248 403 676 1302 1733
[3] » 128 138 256 1220 1319
[4] » 402 412 611 1403 1477
[5] Z. 11 17 253 315 1473
[6] » 21 24 243 1308 1482
[7] » 408 415 481 603 1315
[8] » 14 130 304 323 404 417
[9] Z. 139 329 594 1476 1478
[10] » 30 242 305 314 321 599
[11] » 253 402 412 596 1480
[12] » 10 127 482 601 1313

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
11201	9.4	20h 17m 1s.53	+2s.4738	+0s.0016	+28° 26' 15".9	+11".288	+0".293	80.0	245 417 693 1474	28° 3718
11202	9.5	17 6.79	2.4714	0.0017	28 32 26.8	11.295	0.293	74.7	246	— —
11203	9.4	17 6.84	2.5391	0.0014	25 45 48.0	11.295	0.301	72.7	30	25 4213*
11204	9.2	17 7.05	2.4377	0.0018	29 52 22.0	11.295	0.289	82.8	866 867 1116	29 4009*
11205	9.2	17 8.78	2.4881	0.0016	27 52 15.6	11.297	0.295	79.0	312 780 (2)	27 3709*
11206	8.8	20 17 9.07	+2.4585	+0.0017	+29 3 35.9	+11.298	+0.291	78.7	237 307 324 1478	29 4010
11207	9.3	17 9.46	2.4521	0.0017	29 18 29.3	11.298	0.291	88.7	1475	— —
11208	8.1	17 11.69	2.4678	0.0017	28 41 27.3	11.301	0.292	82.7	17 1739	28 3719
11209	9.2	17 12.28	2.5447	0.0014	25 31 51.7	11.301	0.301	84.1	868 1117 1220	25 4214*
11210	8.2	17 14.71	2.4420	0.0018	29 42 55.6	11.304	0.290	77.3	5 obs.[1]	29 4011
11211	9.3	20 17 14.84	+2.4738	+0.0016	+28 27 22.1	+11.304	+0.293	78.2	6 obs.[2]	28 3720
11212	7.3	17 15.46	2.5360	0.0014	25 53 57.8	11.305	0.300	77.5	5 obs.[3]	25 4215
11213	9.3	17 17.22	2.4891	0.0016	27 50 28.0	11.307	0.295	78.1	7 obs.	27 3710
11214	9.4	17 19.29	2.5570	0.0013	25 1 2.7	11.310	0.303	81.7	858	24 4106*
11215	9.4	17 21.71	2.4725	0.0017	28 30 48.3	11.313	0.293	78.4	328 684 687	— —
11216	8.0	20 17 26.34	+2.4892	+0.0016	+27 50 47.7	+11.318	+0.295	74.7	137 253 315	27 3711
11217	9.1	17 29.68	2.4802	0.0016	28 12 51.9	11.322	0.294	81.7	6 obs.[4]	28 3722*
11218	9.0	17 33.13	2.5151	0.0015	26 47 33.2	11.327	0.298	79.1	8 obs.	26 3882
11219	9.2	17 33.23	2.5163	0.0015	26 44 36.9	11.327	0.298	83.2	18 1863	— —
11220	9.0	17 33.95	2.5161	0.0015	26 45 9.7	11.328	0.298	75.2	18 33 409 615	26 3883
11221	9.1	20 17 34.22	+2.5078	+0.0016	+27 5 35.5	+11.328	+0.297	79.7	8 obs.	27 3712
11222	8.7	17 36.37	2.5167	0.0015	26 43 48.0	11.330	0.298	80.7	24 320 1861	26 3884
11223	9.0	17 37.35	2.4799	0.0017	28 14 13.1	11.332	0.293	80.4	254 676 1320	28 3724
11224	9.0	17 39.33	2.4613	0.0017	28 59 5.7	11.334	0.291	84.7	404 1738	28 3725
11225	9.4	17 43.85	2.4775	0.0017	28 20 33.3	11.339	0.293	89.5	5 obs.[5]	28 3726
11226	9.5	20 17 44.34	+2.5109	+0.0015	+26 58 43.0	+11.340	+0.297	76.6	396	26 3885*
11227	9.2	17 46.94	2.5419	0.0014	25 41 31.8	11.343	0.301	74.7	128 242 319	25 4217
11228	9.2	17 51.62	2.5567	0.0013	25 3 57.9	11.349	0.302	87.7	1225 1305 1590	25 4218*
11229	9.5	17 52.35	2.5011	0.0016	27 23 31.7	11.350	0.296	74.3	11 35 482	27 3713
11230	9.0	17 54.37	2.4578	0.0017	29 8 28.6	11.352	0.291	76.5	5 obs.[6]	29 4014
11231	9.2	20 17 57.01	+2.5450	+0.0014	+25 34 5.4	+11.355	+0.301	84.8	1129 1130 1131	25 4220*
11232	9.3	18 7.08	2.5594	0.0013	24 58 17.4	11.367	0.302	85.7	1207 1211	24 4110*
11233	8.3	18 9.46	2.4767	0.0017	28 24 7.1	11.370	0.293	74.9	130 245 304 323	28 3729
11234	9.3	18 11.18	2.4543	0.0017	29 18 6.1	11.372	0.290	86.7	1306	29 4018*
11235	9.0	18 12.41	2.5483	0.0013	25 26 50.7	11.374	0.301	89.7	5 obs.[7]	25 4222
11236	9.2	20 18 12.60	+2.4571	+0.0017	+29 11 24.1	+11.374	+0.290	86.7	1303	29 4017*
11237	9.1	18 18.35	2.4678	0.0017	28 46 20.1	11.381	0.292	85.8	863 1312 1481	28 3730*
11238	9.3	18 18.45	2.4384	0.0018	29 56 1.2	11.381	0.288	79.8	693	29 4020*
11239	9.3	18 20.63	2.4441	0.0018	29 42 49.7	11.384	0.289	86.2	1219 1309	29 4019*
11240	9.3	18 25.28	2.5600	0.0013	24 57 42.3	11.389	0.302	88.8	1480	— —
11241	8.9	20 18 27.75	+2.4309	+0.0019	+30 14 6.4	+11.392	+0.287	74.6	6 obs.[8]	*30 4011*
11242	9.3	18 32.99	2.5587	0.0013	25 1 43.7	11.398	0.302	82.9	5 obs.[9]	24 4112*
11243	9.3	18 34.20	2.5507	0.0013	25 22 0.7	11.400	0.301	75.5	5 obs.[10]	25 4223
11244	9.5	18 39.38	2.5430	0.0014	25 42 11.0	11.406	0.300	90.7	1589	— —
11245	9.5	18 40.99	2.5510	0.0013	25 21 52.0	11.408	0.301	76.0	7 obs.	25 4224
11246	9.5	20 18 51.26	+2.5429	+0.0014	+25 43 3.6	+11.420	+0.300	73.7	128	— —
11247	9.3	18 56.40	2.4951	0.0017	27 42 41.1	11.427	0.294	84.0	867 1121 1124 1131	27 3715*
11248	9.3[11]	18 56.65	2.4887	0.0017	27 58 31.9	11.427	0.293	85.7	1214 1215 1216	27 3716*
11249	7.4	18 59.61	2.4734	0.0018	28 35 51.1	11.430	0.291	76.5	5 obs.[12]	28 3735
11250	9.1	19 4.29	2.4492	0.0019	29 33 48.1	11.436	0.288	85.0	1112 1114 1220	29 4023*

[1] Z. 26 135 317 329 1476
[2] » 126 246 680 696 789 796
[3] » 29 256 305 314 1473
[4] » 254 676 859 860 1217 1308
[5] Z. 1298 1300 1477 1733 1736
[6] » 22 26 139 408 1319
[7] » 1222 1317 1596 1734 1737
[8] » 22 46 248 317 324 329
[9] Z. 860 861 864 1118 1119
[10] » 30 138 316 411 599
[11] Double; north following
[12] Z. 13 17 246 328 1313

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
11251	9.0	20h 19m 11.82	+2.4706	+0.0018	+28° 43′ 34.″7	+11.″445	+0.″291	77.7	15 254 404 1314	28° 3736
11252	9.0	19 12.79	2.4978	0.0017	27 37 16.3	11.446	0.294	74.7	5 obs.[1]	27 3718
11253	8.3[2]	19 13.09	2.4643	0.0018	28 58 41.3	11.447	0.290	78.2	6 obs.[3]	28 3738
11254	8.2	19 17.68	2.5485	0.0014	25 30 44.6	11.452	0.300	78.9	16 obs.	25 4226
11255	9.2	19 19.59	2.5252	0.0015	26 29 52.8	11.454	0.297	81.8	859 866	26 3888*
11256	9.5	20 19 20.73	+2.4899	+0.0017	+27 57 14.7	+11.456	+0.293	85.8	1217 1227	27 3719*
11257	9.5	19 23.44	2.5217	0.0015	26 38 57.0	11.459	0.297	80.7	782	26 3889*
11258	9.4	19 23.52	2.5148	0.0016	26 56 9.0	11.459	0.296	74.0	21 243 250	26 3890
11259	9.3	19 25.72	2.4547	0.0018	29 22 29.9	11.462	0.289	81.8	860 861 868	29 4024*
11260	9.5	19 25.81	2.4917	0.0017	27 53 14.9	11.462	0.293	80.7	780	— —
11261	8.7	20 19 28.69	+2.5203	+0.0016	+26 42 44.2	+11.465	+0.296	75.6	6 obs.[4]	26 3891
11262	7.5	19 30.11	2.5438	0.0014	25 43 23.2	11.467	0.299	79.7	252 319 1478	25 4228
11263	8.9	19 32.06	2.5069	0.0016	27 16 12.9	11.469	0.294	74.2	11 127 137 413	27 3720
11264	8.2	19 34.23	2.4862	0.0017	28 7 14.9	11.472	0.292	76.0	126 304 611	28 3740
11265	9.1	19 38.10	2.4671	0.0018	28 53 40.4	11.477	0.289	83.2	863 867 1116 1117	28 3741*
11266	8.9	20 19 39.23	+2.4592	+0.0018	+29 12 51.7	+11.478	+0.289	74.8	46 135 324 408	29 4025
11267	9.2	19 41.64	2.5607	0.0013	25 1 6.9	11.481	0.301	86.8	1302 1311	24 4117*
11268	9.3	19 45.88	2.4358	0.0019	30 8 47.4	11.486	0.286	77.9	139 237 239 1476	30 4020
11269	9.4	19 50.87	2.5581	0.0013	25 8 16.4	11.492	0.301	77.3	5 obs.[5]	25 4229
11270	9.0	19 52.81	2.5199	0.0016	26 45 17.5	11.494	0.296	75.4	21 240 410 488	26 3892
11271	8.4	20 19 54.17	+2.5543	+0.0013	+25 18 14.7	+11.496	+0.300	78.0	138 242 256 1482	25 4231
11272	9.5	19 57.25	2.4883	0.0017	28 3 48.3	11.499	0.292	72.7	25	— —
11273	7.9	19 57.92	2.4357	0.0019	30 9 46.1	11.500	0.286	86.4	311 1595 1737	30 4023
11274	9.2	20 3.50	2.5115	0.0016	27 6 57.8	11.507	0.295	85.3	5 obs.[6]	27 3722*
11275	9.2	20 3.63	2.4978	0.0017	27 40 54.1	11.507	0.293	84.8	1129	27 3721*
11276	9.4	20 20 3.64	+2.5132	+0.0016	+27 2 37.8	+11.507	+0.295	76.1	18 414 615	26 3894
11277	9.5	20 4.35	2.5080	0.0016	27 15 43.3	11.508	0.294	86.4	1222 1300 1315	27 3723
11278	9.1	20 5.82	2.4775	0.0018	28 30 36.7	11.510	0.290	79.4	130 328 1480	28 3742
11279	8.9	20 6.86	2.4565	0.0018	29 21 10.2	11.511	0.288	75.1	135 317 329	29 4027
11280	9.5	20 12.31	2.5047	0.0016	27 24 31.9	11.517	0.294	86.8	1319	27 3724*
11281	9.4	20 20 18.14	+2.5421	+0.0015	+25 51 3.4	+11.524	+0.298	75.7	314 319	— —
11282	9.2	20 19.28	2.5156	0.0016	26 57 46.3	11.526	0.295	76.7	5 obs.[7]	26 3896
11283	8.2[8]	20 20.28	2.5634	0.0013	24 56 37.5	11.527	0.301	87.7	1211 1225 1312 1731	24 4125
11284	9.4	20 20.32	2.4876	0.0017	28 6 59.1	11.527	0.292	74.3	17 126 404	28 3743
11285	8.3	20 21.50	2.5317	0.0015	26 17 51.2	11.528	0.297	80.3	16 obs.	26 3897
11286	9.5	20 20 21.70	+2.5050	+0.0016	+27 24 31.5	+11.529	+0.294	86.7	1309 1317	27 3726*
11287	9.1	20 21.78	2.4502	0.0019	29 37 31.9	11.529	0.287	84.7	1118 1119 1121	29 4028*
11288	9.5	20 21.90	2.4898	0.0017	28 1 53.9	11.529	0.292	75.5	6 obs.[9]	27 3725
11289	8.4	20 24.33	2.5423	0.0015	25 51 1.6	11.532	0.298	74.7	29 252 314 319	25 4233
11290	9.3	20 26.09	2.4883	0.0017	28 5 42.5	11.534	0.292	74.2	17 323	28 3744*
11291	9.2	20 20 26.92	+2.5317	+0.0015	+26 18 14.5	+11.535	+0.297	82.1	11 obs.	26 3898*
11292	9.5	20 33.76	2.5271	0.0016	26 30 3.3	11.543	0.296	78.8	615	26 3899*
11293	9.0	20 35.78	2.5107	0.0016	27 11 17.9	11.545	0.294	74.9	5 obs.[10]	27 3727
11294	9.2	20 36.34	2.4416	0.0019	29 58 50.4	11.546	0.286	76.2	324 403	29 4029*
11295	9.5	20 38.48	2.5038	0.0016	27 28 38.3	11.549	0.294	90.8	1600	27 3728*
11296	8.5	20 20 38.71	+2.5479	+0.0015	+25 37 41.7	+11.549	+0.298	75.5	128 136 414 490	25 4234
11297	9.5	20 41.31	2.4882	0.0017	28 7 21.3	11.552	0.292	72.6	15	— —
11298	9.3	20 43.13	2.5138	0.0016	27 4 7.6	11.554	0.295	83.7	396 1590	27 3730*
11299	9.0	20 48.37	2.5434	0.0015	25 49 50.0	11.560	0.298	74.2	138 252	— —
11300	9.3	20 48.87	2.5645	0.0014	24 55 44.7	11.561	0.300	82.8	866 868 1124	24 4127*

[1] Z. 10 35 315 322 402
[2] Close double; middle
[3] Z. 130 245 417 484 485 1473
[4] » 24 33 240 410 509 609
[5] Z. 30 128 305 321 1474
[6] » 796 1219 1298 1303 1308
[7] » 243 250 409 599 601
[8] Close double; south following
[9] Z. 35 253 312 322 412 477
[10] » 10 127 315 322 413

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11301	9.0	20h 20m 52:88	+2:4857	+0:0017	+28° 14′ 25:6	+11:566	+0:291	90.7	1588	— —
11302	9.4	20 56.57	2.4419	0.0019	29 59 46.6	11.570	0.286	74.5	5 obs.[1]	29° 4031
11303	8.7	20 58.40	2.4656	0.0018	29 3 25.9	11.572	0.289	78.0	13 254 1313	28 3747
11304	9.4	20 59.19	2.4867	0.0017	28 12 16.1	11.573	0.291	74.7	126 246 306	28 3748
11305	9.3	21 1.15	2.4396	0.0019	30 5 37.6	11.576	0.286	84.4	867 1214 1215	30 4032*
11306	9.5	20 21 5.32	+2.5243	+0.0016	+26 39 18.4	+11.581	+0.296	80.7	782	— —
11307	9.0	21 7.02	2.4950	0.0017	27 52 33.0	11.583	0.292	76.7	7 obs.[2]	27 3731
11308	9.3	21 9.62	2.5143	0.0016	27 4 37.5	11.586	0.295	90.7	1597	— —
11309	9.0	21 11.68	2.5297	0.0015	26 26 20.7	11.588	0.296	77.2	6 obs.[3]	26 3902
11310	9.1	21 17.01	2.5032	0.0017	27 32 52.6	11.594	0.293	76.1	5 obs.[4]	27 3732
11311	9.3	20 21 18.23	+2.4426	+0.0019	+29 59 48.6	+11.596	+0.286	78.3	5 obs.[5]	29 4034
11312	8.2	21 23.06	2.5619	0.0013	25 4 45.3	11.602	0.300	74.7	30 256 305 321	25 4237
11313	9.0	21 26.26	2.5449	0.0015	25 48 34.9	11.606	0.298	81.7	5 obs.[6]	25 4238
11314	9.4	21 27.61	2.4788	0.0018	28 33 29.6	11.607	0.290	75.7	5 obs.[7]	28 3752
11315	9.3	21 29.01	2.4495	0.0019	29 44 6.4	11.609	0.286	74.7	135 237 329	29 4035
11316	9.0	20 21 33.25	+2.4699	+0.0019	+28 55 41.8	+11.614	+0.288	75.7	246 304 404	28 3754
11317	8.8	21 33.55	2.5010	0.0017	27 39 29.2	11.614	0.292	74.2	127 253	27 3733
11318	9.1	21 34.76	2.5178	0.0016	26 57 46.3	11.616	0.294	83.7	866 1116 1117	26 3903*
11319	9.5	21 36.83	2.4382	0.0019	30 11 28.0	11.618	0.285	92.7	1733 1738	30 4035
11320	8.9	21 37.83	2.5611	0.0014	25 7 45.1	11.619	0.299	75.4	136 330 400	25 4239
11321	9.3	20 21 41.23	+2.4499	+0.0019	+29 44 22.6	+11.623	+0.286	78.0	135 237 248 1473	29 4036
11322	9.4	21 41.74	2.4793	0.0018	28 33 29.5	11.624	0.289	81.7	861	28 3755*
11323	8.6	21 49.46	2.5591	0.0014	25 13 44.8	11.633	0.299	74.4	128 242 252	25 4242
11324	7.4	21 52.36	2.4446	0.0019	29 57 33.6	11.636	0.285	73.5	5 obs.[8]	29 4038
11325	9.1	21 55.73	2.4593	0.0019	29 22 46.6	11.640	0.287	84.6	1106	— —
11326	9.5	20 21 59.16	+2.4714	+0.0019	+28 54 1.9	+11.645	+0.288	77.7	15 254 328 1407	28 3757
11327	9.5	21 59.66	2.5044	0.0017	27 33 1.8	11.645	0.292	73.2	35 137	— —
11328	9.1	22 1.29	2.4948	0.0018	27 56 49.5	11.647	0.291	77.7	482	27 3737*
11329	9.5	22 1.37	2.5033	0.0017	27 35 57.9	11.647	0.292	90.7	1589	27 3736*
11330	9.4	22 4.41	2.5625	0.0014	25 5 53.1	11.651	0.299	75.7	321	25 4244*
11331	8.5	20 22 6.65	+2.4957	+0.0018	+27 55 4.4	+11.654	+0.291	75.3	5 obs.[9]	27 3738
11332	8.6[10]	22 20.12	2.5027	0.0017	27 38 45.5	11.669	0.292	79.5	253 413 1312	27 3739
11333	9.5	22 23.10	2.5648	0.0014	25 1 24.0	11.673	0.299	84.6	6 obs.[11]	24 4136*
11334	7.8	22 28.95	2.5484	0.0015	25 44 7.0	11.680	0.297	74.7	8 obs.	25 4247
11335	9.5	22 35.08	2.5655	0.0014	25 0 15.2	11.687	0.299	83.7	861 1211	24 4137*
11336	9.2	20 22 36.51	+2.4461	+0.0020	+29 57 28.3	+11.689	+0.285	79.8	693	29 4040*
11337	8.5	22 40.42	2.4568	0.0020	29 32 24.1	11.693	0.286	77.2	9 obs.	29 4041
11338	9.1	22 42.99	2.5155	0.0017	27 8 31.2	11.697	0.293	80.8	789 796	27 3743*
11339	9.0	22 44.73	2.4527	0.0020	29 42 27.9	11.699	0.285	78.5	5 obs.[12]	29 4043
11340	9.0	22 44.82	2.4421	0.0020	30 7 34.7	11.699	0.284	79.4	248 324 1408	30 4038
11341	9.4	20 22 45.47	+2.4412	+0.0020	+30 9 40.7	+11.699	+0.284	74.7	248	30 4039*
11342	9.5	22 50.24	2.5058	0.0018	27 33 10.0	11.705	0.291	78.9	25 322 596 1475	27 3744
11343	9.5	22 53.89	2.5080	0.0017	27 28 5.2	11.710	0.292	80.0	137 600 611 1482	27 3745
11344	8.6	22 54.02	2.4526	0.0020	29 43 16.7	11.710	0.285	76.0	239 329 403 408	29 4044
11345	9.3	22 54.58	2.5597	0.0014	25 16 43.0	11.710	0.298	81.7	400 490 1595	— —
11346	9.0	20 22 55.04	+2.5177	+0.0017	+27 4 1.3	+11.711	+0.293	82.0	586 784 1319	27 3747
11347	8.7	22 55.51	2.5193	0.0017	26 59 57.2	11.711	0.293	77.5	5 obs.[13]	26 3905
11348	9.5	22 55.57	2.5307	0.0016	26 31 9.2	11.711	0.294	76.6	396	— —
11349	9.1	23 6.17	2.5041	0.0018	27 38 49.3	11.724	0.291	84.8	860 1220 1226 1227	27 3749*
11350	9.1	23 6.24	2.4607	0.0019	29 24 44.5	11.724	0.286	84.2	867 1308	29 4045*

[1] Z. 22 46 139 408 415
[2] » 11 25 35 600(2) 780(2)
[3] » 18 33 409 410 488 1314
[4] » 137 312 412 413 477
[5] » 139 317 324 690 1302
[6] Z. 314 316 1216 1217 1220
[7] » 130 304 328 402 417
[8] » 22 26 46 139 311
[9] » 10 253 312 315 482
[10] Double; south preceding
[11] Z. 864 868 1129 1131 1210 1477
[12] » 239 329 403 408 1476
[13] » 21 33 320 509 1474

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
11351	9.2	20h 23m 7s.53	+2s.4668	+0s.0019	+29° 10′ 21″.3	+11″.726	+0″.287	86.2	1215 1313	29° 4046*
11352	9.3	23 11.52	2.5185	0.0017	27 2 58.0	11.730	0.293	81.2	6 obs. [1]	26 3906
11353	9.3	23 14.09	2.5552	0.0014	25 29 36.6	11.733	0.297	85.1	863 1217 1403	25 4251*
11354	8.5	23 17.06	2.4826	0.0019	28 32 28.2	11.737	0.288	75.0	126 130 323 417	28 3761
11355	8.2	23 24.51	2.4934	0.0018	28 6 36.2	11.746	0.290	78.0	9 obs.	28 3762
11356	7.9	20 23 27.31	+2.4873	+0.0018	+28 21 42.3	+11.749	+0.289	75.7	245 404	28 3763
11357	9.1	23 27.79	2.4633	0.0019	29 20 21.1	11.749	0.286	85.4	861 1216 1470	29 4048*
11358	9.4	23 30.36	2.5671	0.0014	25 0 4.4	11.753	0.298	82.7	609 1309	24 4142*
11359	9.0	23 32.68	2.4927	0.0018	28 9 6.6	11.755	0.289	77.1	130 254 304 793(2)	28 3764
11360	9.2	23 33.84	2.5550	0.0015	25 31 34.1	11.757	0.297	84.8	868 1225 1314	25 4252*
11361	9.0	20 23 34.80	+2.4566	+0.0020	+29 36 50.5	+11.758	+0.285	80.4	6 obs. [2]	29 4051
11362	9.0	23 36.60	2.5143	0.0017	27 15 23.9	11.760	0.292	79.2	35 402 596 1481	27 3752
11363	9.0	23 44.04	2.5092	0.0017	27 28 29.3	11.769	0.291	83.7	253 1738	27 3753
11364	9.1	23 44.08	2.5178	0.0017	27 7 24.0	11.769	0.292	83.1	5 obs. [3]	27 3754*
11365	9.3	23 44.28	2.5606	0.0014	25 17 50.6	11.769	0.297	83.9	316 1298 1300 1305	25 4253*
11366	9.2	20 23 45.59	+2.5312	+0.0017	+26 33 29.6	+11.771	+0.293	80.4	7 obs. [4]	26 3908*
11367	9.3	23 45.83	2.5068	0.0018	27 34 42.4	11.771	0.290	80.7	780	— —
11368	8.5	23 46.55	2.5102	0.0017	27 26 11.2	11.772	0.291	87.2	860 1737	27 3755
11369	8.3	23 47.60	2.4587	0.0020	29 32 51.9	11.773	0.285	74.9	5 obs. [5]	29 4052
11370	9.5	23 49.05	2.5691	0.0014	24 56 8.4	11.775	0.298	84.8	866 1406	24 4143*
11371	7.8	20 23 49.09	+2.4956	+0.0018	+28 2 48.1	+11.775	+0.289	78.0	8 obs.	27 3756
11372	7.6	23 53.74	2.4983	0.0018	27 56 36.8	11.780	0.289	78.4	482 601 614	27 3757
11373	9.1	23 54.89	2.5613	0.0014	25 16 43.3	11.782	0.297	74.1	5 obs. [6]	25 4254
11374	9.0	23 54.98	2.5185	0.0017	27 6 9.1	11.782	0.292	81.7	5 obs. [7]	27 3758
11375	9.0[8]	23 57.21	2.4596	0.0020	29 31 28.3	11.784	0.285	77.9	8 obs.	29 4053
11376	9.5	20 23 57.30	+2.5606	+0.0015	+25 18 42.5	+11.784	+0.297	77.7	490	— —
11377	9.5	23 57.61	2.5680	0.0014	24 59 39.4	11.785	0.298	85.2	864 1473	24 4144*
11378	9.3	23 58.09	2.5583	0.0015	25 24 47.8	11.785	0.297	88.4	1306 1412 1590	25 4255*
11379	9.1	23 58.25	2.4756	0.0019	28 52 49.5	11.786	0.287	87.7	1117 1600	28 3767*
11380	9.5	24 0.01	2.5422	0.0016	26 6 20.2	11.788	0.295	85.1	138 1592 1594	26 3910*
11381	9.2	20 24 2.72	+2.5135	+0.0017	+27 19 33.1	+11.791	+0.291	84.6	1106	— —
11382	8.9	24 4.85	2.4481	0.0020	29 59 47.0	11.793	0.284	77.7	5 obs. [9]	29 4055
11383	8.9	24 9.82	2.5293	0.0017	26 40 3.3	11.799	0.293	74.9	18 33 411 488	26 3911
11384	8.2	24 11.84	2.5328	0.0017	26 31 21.9	11.801	0.293	75.7	5 obs. [10]	26 3912
11385	9.2	24 13.13	2.5557	0.0015	25 32 36.2	11.803	0.296	84.3	867 1312	25 4256*
11386	9.2	20 24 13.31	+2.4636	+0.0019	+29 22 56.1	+11.803	+0.286	88.3	1131 1638	29 4056*
11387	4.2	24 17.38	2.4496	0.0020	29 57 8.0	11.808	0.284	76.4	27 408 690	29 4057
11388	8.9	24 17.91	2.5011	0.0018	27 51 35.3	11.809	0.289	78.8	8 obs.	27 3760
11389	9.3	24 19.48	2.5404	0.0016	26 12 28.6	11.811	0.294	85.7	1210 1211	26 3914*
11390	9.1	24 22.18	2.4912	0.0018	28 16 20.0	11.814	0.288	86.7	1120 1121 1589	28 3769*
11391	9.0	20 24 22.77	+2.5200	+0.0017	+27 4 35.4	+11.814	+0.292	72.7	25	— —
11392	9.1	24 23.01	2.5440	0.0016	26 3 29.4	11.815	0.295	75.9	5 obs. [11]	25 4258
11393	9.2	24 23.81	2.5583	0.0015	25 26 44.7	11.816	0.297	84.8	1119 1129 1130	25 4257*
11394	9.0	24 27.12	2.5561	0.0015	25 32 35.4	11.820	0.296	87.8	1408	— — [12]
11395	8.9	24 27.46	2.4674	0.0019	29 14 57.0	11.820	0.286	82.4	5 obs. [13]	29 4059
11396	9.5	20 24 27.57	+2.5628	+0.0015	+25 15 16.6	+11.820	+0.297	75.1	252 256 330	25 4259
11397	9.4	24 27.76	2.4882	0.0018	28 24 5.5	11.820	0.288	74.4	7 obs.	28 3770
11398	9.1	24 29.94	2.4676	0.0019	29 14 43.5	11.823	0.286	78.3	5 obs. [14]	29 4060
11399	8.8	24 30.15	2.5457	0.0016	25 59 39.0	11.823	0.295	75.7	5 obs. [15]	25 4260
11400	8.7	24 31.06	2.5078	0.0018	27 35 40.0	11.824	0.290	76.0	137 322 586	27 3761

[1] Z. 410 411 414 1219 1221 1222
[2] » 22 139 307 1112 1115 1602
[3] » 784 789 796 1302 1311
[4] » 243 396 410 782(2) 1303 1315
[5] » 26 46 135 311 694
[6] Z. 30 40 136 305 316
[7] » 477 784 796 1114 1116
[8] Double; south following
[9] Z. 317 329 481 690 693
[10] » 21 320 396 409 414
[11] Z. 128 138 242 599 615
[12] ? — 1 int. of wires = 25°4256
[13] Z. 415 696 699 1317 1477
[14] » 317 403 679 680 699
[15] » 256 314 319 321 400

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11401	9.3	20h 24m 31.16	+2.5561	+0.0016	+25° 32' 52.5	+11.824	+0.296	87.7	1407	25° 4261*
11402	9.5	24 32.44	2.4933	0.0018	28 11 49.6	11.826	0.289	78.8	328 863	28 3771
11403	8.8	24 33.09	2.5461	0.0016	25 58 45.7	11.826	0.295	75.4	6 obs.[1]	25 4262
11404	9.5	24 40.72	2.5711	0.0015	24 54 20.5	11.836	0.297	81.8	866	24 4150*
11405	9.1	24 52.31	2.4768	0.0019	28 54 3.9	11.849	0.286	84.4	861 1214 1215	28 3773*
11406	7.9	20 24 52.98	+2.4460	+0.0020	+30 8 23.2	+11.850	+0.283	77.5	26 248 329 1314	30 4055
11407	9.5	24 55.54	2.4471	0.0020	30 5 56.2	11.853	0.283	85.8	1227	30 4056*
11408	8.0	24 59.57	2.5123	0.0017	27 26 52.3	11.858	0.291	74.7	35 402	27 3765
11409	9.5	25 1.35	2.4750	0.0019	28 59 6.2	11.860	0.286	91.6	1636	28 3774*
11410	9.5	25 5.16	2.4729	0.0019	29 4 28.6	11.864	0.286	76.2	46 237 307 860	29 4063
11411	9.2	20 25 9.80	+2.5149	+0.0017	+27 21 4.5	+11.870	+0.291	85.7	1112 1217 1219 1313	27 3767
11412	7.4	25 10.91	2.5134	0.0017	27 24 50.7	11.871	0.291	77.7	7 obs.	27 3768
11413	9.3	25 12.54	2.5069	0.0018	27 41 15.0	11.873	0.290	77.7	322 482 586 600	27 3769
11414	9.1	25 18.67	2.4887	0.0019	28 26 45.7	11.880	0.288	83.0	323 868 1225 1474	28 3775*
11415	9.2	25 18.82	2.5209	0.0017	27 6 18.9	11.880	0.292	86.7	1216 1220 1475	27 3770*
11416	9.2	20 25 19.09	+2.4980	+0.0018	+28 3 53.6	+11.881	+0.289	75.7	312 315	27 3771*
11417	9.4	25 20.83	2.5077	0.0018	27 39 54.4	11.883	0.290	77.5	137 600 611 614	27 3772
11418	9.2	25 24.11	2.4978	0.0018	28 4 49.4	11.887	0.288	83.2	315 864 1308 1470	28 3776*
11419	8.8	25 26.93	2.5622	0.0015	25 20 52.5	11.890	0.296	73.7	30 40 136 305	25 4265
11420	8.3	25 31.25	2.5110	0.0018	27 32 15.3	11.895	0.290	78.5	5 obs.[2]	27 3773
11421	8.7	20 25 34.46	+2.5032	+0.0019	+27 52 4.5	+11.899	+0.289	79.2	10 477 685 1319	27 3775
11422	8.9	25 36.51	2.5576	0.0016	25 34 30.0	11.901	0.295	75.8	7 obs.	25 4266
11423	9.5	25 36.67	2.4518	0.0021	29 58 3.3	11.901	0.282	82.2	131 1595	29 4065*
11424	7.7	25 39.01	2.5413	0.0016	26 15 59.1	11.904	0.293	74.1	33 250 254	26 3917
11425	9.4	25 41.85	2.5460	0.0016	26 4 1.8	11.907	0.294	76.7	128 414 683	25 4267*
11426	9.4	20 25 42.05	+2.4531	+0.0021	+29 55 26.6	+11.907	+0.282	74.2	139 248	29 4066
11427	8.7	25 43.37	2.5461	0.0016	26 3 48.4	11.909	0.294	79.3	9 obs.	25 4268
11428	9.5	25 46.22	2.5427	0.0016	26 12 54.5	11.913	0.293	79.7	685	26 3918*
11429	8.7	25 46.50	2.4545	0.0021	29 52 9.8	11.913	0.282	74.4	27 135 408	29 4067
11430	9.2	25 52.84	2.4905	0.0020	28 25 3.4	11.920	0.287	75.7	323	— —
11431	9.1	20 25 56.90	+2.4880	+0.0021	+28 31 22.3	+11.925	+0.287	78.7	6 obs.[3]	28 3778*
11432	9.0	26 3.15	2.4889	0.0020	28 29 50.9	11.932	0.287	77.0	6 obs.[4]	28 3779
11433	8.6	26 6.86	2.5675	0.0015	25 9 59.7	11.937	0.296	81.2	6 obs.[5]	25 4270
11434	8.3	26 8.82	2.4693	0.0020	29 18 26.6	11.939	0.284	77.5	46 248 324 1312	29 4070
11435	8.8	26 11.78	2.4967	0.0019	28 11 9.5	11.943	0.287	76.4	6 obs.[6]	28 3780
11436	9.0	20 26 15.62	+2.5484	+0.0016	+26 0 23.1	+11.947	+0.294	83.2	136 1736	25 4271
11437	9.3	26 18.26	2.4908	0.0019	28 26 16.4	11.950	0.286	75.7	323	28 3783*
11438	9.2	26 21.18	2.4973	0.0019	28 10 30.0	11.954	0.287	75.4	130 328 417	— —
11439	9.4	26 33.11	2.5397	0.0016	26 24 0.6	11.967	0.292	75.2	21 33 410 599	26 3920
11440	8.2	26 34.70	2.5344	0.0017	26 37 45.0	11.969	0.291	78.8	11 obs.	26 3921
11441	9.2	20 26 35.19	+2.5126	+0.0019	+27 33 10.8	+11.970	+0.289	78.4	7 obs.	27 3776
11442	9.0	26 35.34	2.4611	0.0021	29 40 31.4	11.970	0.283	74.7	131 139 408	29 4072
11443	7.5	26 36.26	2.4570	0.0021	29 50 18.7	11.971	0.282	75.0	135 237 403	29 4074
11444	6.0	26 37.46	2.5633	0.0015	25 23 0.7	11.973	0.296	77.8	40 319 334 1317	25 4272
11445	9.3	26 41.06	2.5373	0.0017	26 30 48.5	11.977	0.292	80.7	784	— —
11446	8.4	20 26 43.73	+2.5739	+0.0015	+24 55 46.7	+11.980	+0.295	80.8	7 obs.	24 4157
11447	8.6	26 45.03	2.5342	0.0017	26 39 10.8	11.981	0.291	78.6	5 obs.[7]	26 3922
11448	9.5	26 46.11	2.5132	0.0018	27 32 33.7	11.983	0.288	73.7	137	— —
11449	9.4	26 46.50	2.5667	0.0015	25 14 56.1	11.983	0.295	78.0	7 obs.	25 4273
11450	9.5	26 49.89	2.5087	0.0019	27 44 5.1	11.987	0.288	90.7	1589	27 3779*

[1] Z. 242 252 314 319 321 330
[2] » 25 684 693 701 780
[3] » 126 246 254 304 1300 1303
[4] Z. 126 246 254 304 404 1298
[5] » 314 400 490 868 1302 1473
[6] Z. 15 17 130 328 417 1315
[7] » 255 500 680 701 782

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11451	9.0	20h 26m 50s.10	+2s.4763	+0s.0020	+29° 4' 30".4	+11".987	+0".284	77.1	9 obs.	29° 4075
11452	9.4	27 11.23	2.5320	0.0018	26 46 44.2	12.012	0.291	81.7	860	— —
11453	8.2	27 11.28	2.5247	0.0018	27 5 26.5	12.012	0.290	76.4	7 obs.	27 3780
11454	9.3	27 14.30	2.5324	0.0018	26 45 44.5	12.016	0.291	78.0	5 obs.[1]	26 3926
11455	9.5	27 28.06	2.5469	0.0017	26 9 31.1	12.032	0.292	79.8	695	26 3927*
11456	8.1	20 27 30.20	+2.4884	+0.0020	+28 37 48.4	+12.034	+0.285	79.7	5 obs.[2]	28 3786
11457	7.1	27 34.50	2.5324	0.0018	26 47 16.3	12.039	0.290	79.1	5 obs.[3]	26 3928
11458	8.4	27 39.49	2.4890	0.0020	28 37 6.5	12.045	0.285	74.1	17 126 328	28 3787
11459	9.0	27 39.52	2.4896	0.0020	28 35 39.7	12.045	0.285	75.8	328	— —
11460	9.0	27 41.54	2.4569	0.0021	29 55 54.4	12.048	0.281	76.2	6 obs.[4]	29 4078
11461	8.9	20 27 43.61	+2.5706	+0.0015	+25 8 40.9	+12.050	+0.295	74.7	40 128 305 321 334	25 4277
11462	9.4	27 48.24	2.5130	0.0019	27 37 42.6	12.055	0.287	77.2	10 861	27 3781
11463	9.5	27 49.07	2.5151	0.0019	27 32 32.2	12.056	0.287	73.2	25 137	27 3782*
11464	9.4	27 51.17	2.4935	0.0019	28 26 49.6	12.059	0.285	76.7	404	28 3789*
11465	8.6	27 52.03	2.4937	0.0019	28 26 19.5	12.060	0.285	74.9	15 245 254 323 404	28 3790
11466	8.7	20 28 2.20	+2.5275	+0.0018	+27 1 53.5	+12.072	+0.289	74.7	33 255 411	26 3930
11467	9.4	28 2.55	2.5393	0.0018	26 31 47.9	12.072	0.290	80.1	683 684 784	— —
11468	9.4	28 5.07	2.5386	0.0018	26 33 47.7	12.075	0.290	80.0	7 obs.	26 3931
11469	9.2	28 8.11	2.5035	0.0019	28 3 14.6	12.078	0.286	81.5	793 864 867 868	27 3783*
11470	7.5	28 12.89	2.4784	0.0020	29 5 56.6	12.084	0.284	79.0	7 obs.	29 4080
11471	8.4	20 28 16.49	+2.5653	+0.0016	+25 24 37.3	+12.088	+0.294	78.9	7 obs.	25 4280
11472	8.0	28 16.90	2.5646	0.0016	25 27 3.0	12.089	0.294	76.7	6 obs.[5]	25 4281
11473	8.6	28 19.72	2.4723	0.0020	29 21 24.6	12.092	0.283	77.7	5 obs.[6]	29 4082
11474	9.2	28 20.48	2.4766	0.0020	29 11 3.5	12.093	0.283	84.7	1118 1119	29 4081*
11475	9.2	28 23.80	2.5197	0.0018	27 23 26.5	12.097	0.288	83.7	863 1120 1121	27 3785*
11476	9.4	20 28 29.46	+2.5167	+0.0019	+27 31 45.2	+12.103	+0.287	79.0	6 obs.[7]	27 3786
11477	7.7	28 30.12	2.5187	0.0018	27 26 43.1	12.104	0.287	79.7	127 322 1124 1125	27 3788
11478	8.4[8]	28 31.26	2.5126	0.0019	27 41 59.6	12.105	0.287	79.7	253 322 1470	27 3787
11479	9.4	28 33.00	2.5399	0.0018	26 32 29.1	12.107	0.290	73.7	21 250	— —
11480	8.5	28 36.43	2.5710	0.0016	25 11 24.0	12.111	0.294	77.4	6 obs.[9]	25 4284
11481	9.3	20 28 44.32	+2.5653	+0.0016	+25 27 1.8	+12.121	+0.293	78.3	252 861	25 4287
11482	9.2	28 45.37	2.5709	0.0016	25 12 17.5	12.122	0.293	78.9	5 obs.[10]	25 4288
11483	8.4	28 48.16	2.4756	0.0021	29 15 33.6	12.125	0.282	76.2	6 obs.[11]	29 4085
11484	9.1	28 59.30	2.5127	0.0019	27 44 11.5	12.138	0.287	84.8	1129 1130 1131	27 3792*
11485	9.4	29 7.70	2.5159	0.0019	27 36 40.2	12.148	0.287	84.8	28 1408 1861	27 3793*
11486	9.0	20 29 13.49	+2.4995	+0.0020	+28 18 22.0	+12.154	+0.285	74.3	13 254 304	28 3794
11487	9.1	29 13.84	2.4672	0.0022	29 38 28.3	12.155	0.281	84.6	1106	— —
11488	9.3	29 15.83	2.5247	0.0019	27 14 42.0	12.157	0.288	76.7	312 482	27 3794*
11489	8.5	29 19.90	2.5149	0.0019	27 40 8.1	12.162	0.287	75.8	6 obs.[12]	27 3796
11490	9.0	29 21.73	2.5525	0.0017	26 3 25.1	12.164	0.291	78.7	30 479 1214	25 4289
11491	9.2	20 29 22.67	+2.4858	+0.0021	+28 53 12.1	+12.165	+0.283	79.5	5 obs.[13]	28 3796
11492	9.1	29 28.78	2.4817	0.0021	29 3 56.7	12.172	0.282	76.9	27 259 329 693 853	28 3798*
11493	9.4	29 35.17	2.5731	0.0016	25 10 17.8	12.179	0.293	75.2	40 490	25 4291
11494	9.4	29 37.33	2.4712	0.0022	29 30 10.8	12.182	0.281	78.7	8 obs.	29 4087
11495	8.7	29 38.69	2.5048	0.0020	28 7 4.8	12.184	0.285	73.2	15 17 126 130	28 3799
11496	9.2	20 29 39.18	+2.4854	+0.0021	+28 55 22.7	+12.184	+0.282	84.4	868 1211 1215	28 3800*
11497	8.1	29 55.05	2.5087	0.0020	27 58 33.2	12.202	0.285	73.4	11 127 137 (2)	27 3799
11498	8.9	29 57.47	2.4700	0.0022	29 35 5.3	12.205	0.280	79.2	6 obs.[14]	29 4091
11499	7.7	29 59.30	2.4643	0.0022	29 49 22.5	12.207	0.280	77.9	5 obs.[15]	29 4092
11500	8.9	30 0.10	2.4582	0.0022	30 4 4.0	12.208	0.279	85.3	329 1227 1311 1736	30 4087

[1] Z. 411 414 599 609 614
[2] » 13 17 866 1226 1227
[3] » 21 250 409 1219 1220
[4] » 46 131 139 307 699 863
[5] » 30 138 314 330 400 1225
[6] Z. 239 307 311 329 1312
[7] » 11 312 402 860 (2) 1216
[8] Close double; middle
[9] Z. 40 242 319 334 615 1302
[10] » 319 321 490 615 1309
[11] Z. 46 135 139 248 317 1317
[12] » 25 35 253 477 586 596
[13] » 126 245 404 1210 1315
[14] » 139 408 680 683 696 1217
[15] » 135 307 685 687 784

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11501	9.3	20h 30m 2.96	+2.4730	+0.0021	+29° 28′ 7.8	+12.212	+0.281	77.7	481	— —
11502	9.0	30 5.14	2.4611	0.0022	29 57 23.4	12.214	0.279	78.5	131 694 699 783	29° 4094
11503	9.4	30 7.88	2.5732	0.0016	25 12 32.3	12.217	0.292	76.7	136 252 863	25 4292
11504	9.1	30 11.20	2.4679	0.0022	29 41 33.1	12.221	0.280	84.7	1114 1116	29 4095*
11505	9.2	30 11.84	2.5750	0.0016	25 8 4.8	12.222	0.293	83.2	138 1219 1298 1303	25 4294*
11506	8.2	20 30 13.26	+2.5271	+0.0019	+27 13 5.4	+12.224	+0.287	74.6	10 127 482	27 3800
11507	9.2	30 16.30	2.5676	0.0016	25 27 43.3	12.227	0.292	85.8	1220 1225	25 4296*
11508	9.5	30 20.90	2.5793	0.0016	24 57 8.5	12.232	0.293	87.4	1312 1313 1474	24 4182*
11509	9.1	30 28.94	2.4850	0.0021	29 0 39.8	12.242	0.282	80.4	5 obs.[1]	28 3804*
11510	8.2	30 31.59	2.5774	0.0016	25 2 50.4	12.245	0.292	80.2	6 obs.[2]	24 4183
11511	9.0	20 30 34.39	+2.5373	+0.0019	+26 48 37.0	+12.248	+0.288	74.0	21 33 250 320	26 3935
11512	9.1	30 36.14	2.5487	0.0018	26 19 4.5	12.250	0.289	83.8	868 1124 1125	26 3936*
11513	9.0	30 40.15	2.5267	0.0019	27 16 39.4	12.255	0.286	77.2	6 obs.[3]	27 3803
11514	8.7	30 44.70	2.5011	0.0020	28 21 43.2	12.260	0.283	74.2	13 130 254 328	28 3805
11515	7.1	30 46.90	2.5688	0.0017	25 27 0.3	12.262	0.291	78.1	138 334 1117	25 4299
11516	8.6	20 30 48.54	+2.4617	+0.0022	+29 59 32.1	+12.264	+0.279	78.0	5 obs.[4]	29 4097
11517	9.0	30 48.75	2.5632	0.0017	25 41 52.0	12.264	0.290	79.7	6 obs.[5]	25 4300
11518	9.4	30 59.40	2.4856	0.0021	29 1 53.4	12.277	0.281	75.4	245 304 328	28 3807
11519	8.8	31 9.04	2.5578	0.0017	25 57 48.8	12.288	0.289	79.0	12 obs.	25 4301
11520	9.1	31 9.27	2.4882	0.0021	28 56 7.4	12.288	0.281	82.5	5 obs.[6]	28 3808*
11521	9.2	20 31 10.23	+2.5272	+0.0019	+27 17 16.9	+12.289	+0.286	85.7	5 obs.[7]	27 3806
11522	9.2	31 10.50	2.5832	0.0016	24 50 10.5	12.290	0.292	85.1	860 1216 1407	*24 4187**
11523	8.1	31 12.89	2.5531	0.0018	26 10 15.7	12.292	0.289	76.9	7 obs.	26 3937
11524	9.0	31 15.17	2.5165	0.0020	27 45 13.4	12.295	0.285	74.2	11 25 312 322	27 3807
11525	8.7	31 19.40	2.4924	0.0021	28 46 26.9	12.300	0.282	73.3	15 17 254	28 3810
11526	9.4	20 31 27.31	+2.5297	+0.0019	+27 12 18.4	+12.309	+0.286	88.3	860 1408 1603 1737	27 3808
11527	9.0	31 33.57	2.5226	0.0020	27 30 54.5	12.316	0.285	74.3	10 35 482	27 3809
11528	9.4	31 33.85	2.5126	0.0020	27 56 35.5	12.316	0.283	75.3	127 137 586	27 3810
11529	8.7	31 38.86	2.5430	0.0019	26 38 39.6	12.322	0.287	75.2	21 33 410 609	26 3938
11530	9.5	31 41.48	2.5130	0.0020	27 56 8.8	12.325	0.283	72.7	37	— —
11531	9.3	20 31 43.01	+2.4870	+0.0022	+29 1 48.8	+12.327	+0.280	84.2	259 1210 1211 1598	28 3811
11532	9.4	31 43.66	2.5797	0.0017	25 2 20.0	12.328	0.291	86.8	1217 1222 1315 1482	24 4191*
11533	6.0	31 44.70	2.5573	0.0018	26 1 40.4	12.329	0.289	74.1	30 138 330	25 4302
11534	9.2	31 46.31	2.5100	0.0020	28 4 3.9	12.331	0.283	88.5	1215 1311 1599 1600	28 3812*
11535	9.2	31 47.96	2.4851	0.0022	29 7 3.1	12.333	0.280	87.2	1298 1412	29 4105*
11536	9.3	20 31 50.08	+2.4634	+0.0023	+30 0 36.6	+12.335	+0.278	88.1	1303 1316 1602	29 4103*
11537	8.9	31 57.48	2.5596	0.0018	25 56 44.6	12.344	0.289	75.7	252 400	25 4304
11538	9.4	31 58.67	2.5001	0.0021	28 30 4.8	12.345	0.282	74.2	130 245	28 3814
11539	9.5	32 0.02	2.5214	0.0020	27 36 12.2	12.347	0.284	84.3	941 1225	27 3811*
11540	9.5	32 1.15	2.4614	0.0023	30 6 21.6	12.348	0.278	81.8	863	30 4101*
11541	9.3	20 32 5.17	+2.5140	+0.0020	+27 55 35.1	+12.353	+0.283	81.7	137 1219 1220	27 3812*
11542	8.9	32 15.98	2.5684	0.0018	25 34 42.7	12.365	0.290	76.0	136 330 409 479	25 4305
11543	9.0	32 16.12	2.5278	0.0019	27 21 3.5	12.365	0.285	73.4	11 25 28 322	27 3813
11544	8.7	32 17.12	2.4762	0.0023	29 31 28.3	12.366	0.279	74.5	5 obs.[8]	29 4108
11545	8.6	32 21.89	2.4635	0.0023	30 3 7.4	12.372	0.278	74.4	131 139 329	29 4109
11546	8.5	20 32 23.51	+2.4710	+0.0023	+29 44 44.0	+12.374	+0.278	80.4	9 obs.	29 4110
11547	9.3	32 35.94	2.4966	0.0022	28 41 57.1	12.388	0.281	75.0	15 130 611	28 3818
11548	8.7	32 37.41	2.5623	0.0018	25 52 35.1	12.390	0.288	77.7	7 obs.	25 4306
11549	9.1	32 37.98	2.5068	0.0021	28 16 33.1	12.390	0.282	86.7	941 1597	28 3819*
11550	9.4	32 38.81	2.5827	0.0017	24 58 25.5	12.391	0.290	86.8	1317	24 4201*[9]

[1] Z. 46 259 1112 1115 1121
[2] » 30 400 679 685 853 1596
[3] » 28 37 253 322 596(2)
[4] Z. 139 307 324 481 1308
[5] » 314 330 479 693 932 1317
[6] » 126 402 1302 1309 1470
[7] Z. 1118 1119 1131 1214 1475
[8] » 27 46 307 311 324
[9] BD *a* 6ᵉ greater

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11551	8.0	$20^h\ 32^m\ 39^s.70$	+2.4828	+0.0022	+29° 17′ 7″.3	+12.392	+0.279	77.0	26 329 932	29° 4112
11552	9.3	32 42.16	2.4943	0.0022	28 48 25.1	12.395	0.280	89.8	1414 1638	28 3820*
11553	8.0	32 45.42	2.5451	0.0019	26 38 29.7	12.399	0.286	74.7	21 33 609	26 3941
11554	9.2	32 46.27	2.4651	0.0023	30 1 21.4	12.400	0.277	87.7	1305 1475	29 4114*
11555	9.0	32 53.46	2.4773	0.0023	29 31 45.5	12.408	0.278	82.8	46 1736	29 4115
11556	8.5	20 32 57.89	+2.4795	+0.0022	+29 26 45.6	+12.413	+0.279	78.0	131 324 1112	29 4116
11557	9.2	32 58.20	2.5119	0.0021	28 5 18.2	12.414	0.282	85.7	1216	28 3821*
11558	8.7	32 58.74	2.5792	0.0017	25 9 13.1	12.414	0.290	72.7	30 40	25 4308
11559	9.3	32 58.76	2.5322	0.0020	27 13 2.4	12.414	0.284	80.4	127 312 1214 1308	27 3814*
11560	7.2	33 0.26	2.4627	0.0023	30 8 24.4	12.416	0.277	80.5	5 obs.[1]	30 4108
11561	9.3	20 33 2.94	+2.5687	+0.0018	+25 37 38.7	+12.419	+0.289	80.7	786	— —
11562	9.4	33 3.21	2.4976	0.0022	28 41 48.6	12.419	0.281	76.1	5 obs.[2]	28 3822
11563	9.2	33 17.09	2.5245	0.0020	27 34 23.9	12.435	0.283	86.7	1306 1309	27 3815*
11564	9.3	33 18.11	2.4836	0.0022	29 18 21.6	12.436	0.279	80.1	6 obs.[3]	29 4117
11565	9.5	33 18.67	2.4831	0.0022	29 19 28.3	12.437	0.279	84.2	680 1470	29 4118*
11566	9.3	20 33 20.64	+2.4979	+0.0022	+28 42 23.6	+12.439	+0.281	80.2	7 obs.	28 3823*
11567	9.3	33 20.73	2.4836	0.0022	29 18 31.4	12.439	0.279	82.7	687 783 1408	29 4119*
11568	8.1	33 21.74	2.5807	0.0017	25 6 46.7	12.440	0.290	77.3	8 obs.	25 4310
11569	9.3	33 25.22	2.5185	0.0021	27 50 31.4	12.444	0.282	85.2	1106 1217	27 3816*
11570	9.3	33 26.48	2.5204	0.0021	27 45 43.1	12.446	0.283	75.7	9 obs.	27 3818
11571	8.8	20 33 35.96	+2.5553	+0.0018	+26 15 40.9	+12.457	+0.286	77.4	250 599 614	26 3943
11572	6.5	33 50.84	2.4703	0.0023	29 53 50.2	12.473	0.276	74.7	27 237 307 317	29 4121
11573	7.2	33 59.23	2.5702	0.0018	25 37 54.0	12.483	0.288	76.7	252 321 330 786	25 4312
11574	9.4	34 1.15	2.5741	0.0017	25 27 46.1	12.485	0.288	79.9	6 obs.[4]	25 4313
11575	9.5	34 1.89	2.5795	0.0017	25 13 12.8	12.486	0.289	85.8	1219 1220	25 4314*
11576	9.2	20 34 5.06	+2.5743	+0.0017	+25 27 25.1	+12.490	+0.288	79.9	7 obs.	25 4315
11577	8.0	34 6.56	2.5006	0.0022	28 39 32.6	12.492	0.280	73.4	13 15 29 328	28 3828
11578	9.0	34 10.03	2.5088	0.0021	28 18 56.5	12.495	0.281	75.0	126 246 404	28 3829
11579	8.9	34 11.00	2.5579	0.0019	26 11 35.7	12.497	0.286	75.7	33 250 411 609	26 3946
11580	7.5	34 11.49	2.5565	0.0019	26 15 25.5	12.497	0.286	76.5	5 obs.[5]	26 3947
11581	8.0	20 34 14.26	+2.5245	+0.0021	+27 38 57.0	+12.500	+0.283	74.4	7 obs.	27 3820
11582	9.4	34 15.94	2.5291	0.0020	27 27 24.7	12.502	0.283	75.7	322	— —
11583	9.4	34 16.17	2.5516	0.0019	26 28 37.8	12.502	0.285	85.8	1225	26 3948*
11584	8.8	34 18.88	2.5655	0.0018	25 52 4.3	12.506	0.287	78.0	138 321 693 932	25 4316
11585	9.0	34 19.32	2.5201	0.0021	27 50 50.9	12.506	0.282	84.7	1116 1121	27 3821
11586	8.7	20 34 24.00	+2.5137	+0.0021	+28 7 42.6	+12.511	+0.282	75.8	5 obs.[6]	28 3833
11587	7.8[7]	34 26.62	2.4675	0.0023	30 3 50.7	12.514	0.276	74.1	46 131 311	29 4124
11588	9.1	34 27.46	2.5426	0.0020	26 53 4.7	12.515	0.284	85.7	1210 1211 1215	26 3951*
11589	9.4	34 34.29	2.5271	0.0021	27 34 7.0	12.523	0.283	84.7	1117 1119	27 3822
11590	8.8	34 38.27	2.5652	0.0019	25 54 20.7	12.528	0.286	75.3	30 136 330 615	25 4318
11591	9.5	20 34 43.39	+2.5353	+0.0020	+27 13 36.9	+12.533	+0.283	73.7	137	— —
11592	8.9	34 44.06	2.5442	0.0020	26 50 15.2	12.534	0.284	78.7	6 obs.[8]	26 3952
11593	9.4	34 44.47	2.5140	0.0021	28 8 42.2	12.535	0.281	86.7	1305 1317	28 3834*
11594	9.0	34 46.07	2.4656	0.0024	30 10 23.7	12.537	0.275	74.7	46 135 324 403	30 4128
11595	9.5	34 47.52	2.5687	0.0019	25 45 48.5	12.538	0.287	86.8	1319	25 4319*
11596	9.5	20 34 49.43	+2.5654	+0.0019	+25 54 46.0	+12.540	+0.286	92.7	1733 1738	25 4321
11597	8.1	34 50.15	2.5490	0.0020	26 38 2.7	12.541	0.285	77.5	243 509 599 614	26 3953
11598	8.8	34 51.59	2.5725	0.0018	25 35 53.3	12.543	0.287	80.6	400 851 1008	25 4323
11599	9.5	34 53.22	2.5571	0.0019	26 16 57.5	12.545	0.285	72.7	33	— —
11600	8.5	34 56.10	2.5782	0.0018	25 20 51.2	12.548	0.288	79.7	5 obs.[9]	25 4324

[1] Z. 139 693 699 1114 1115
[2] » 126 304 328 404 611
[3] » 135 680 685 687 783 1315
[4] Z. 414 490 679 694 853 1007
[5] » 24 409 410 488 614
[6] » 245 249 259 323 611
[7] Double; larger
[8] Z. 21 255 782(2) 784 943
[9] » 305 414 693 932 1008

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11601	9.1	20h 35m 1.50	+2.4968	+0.0023	+28° 53' 53.5	+12.554	+0.278	85.0	1114 1115 1216	28° 3839*
11602	9.0	35 5.05	2.4864	0.0023	29 20 16.9	12.558	0.277	85.4	1112 1131 1308	29 4128
11603	9.4	35 5.92	2.5841	0.0017	25 5 4.7	12.559	0.289	75.4	40 314 490	25 4327
11604	9.5	35 10.93	2.5132	0.0022	28 13 1.3	12.565	0.280	74.1	15 249 254	28 3840
11605	8.6	35 11.71	2.5558	0.0019	26 21 57.2	12.566	0.285	76.0	243 250 410 488	26 3955
11606	9.5	20 35 16.86	+2.5041	+0.0022	+28 36 30.9	+12.572	+0.279	73.7	126	— —
11607	9.4	35 18.26	2.5850	0.0017	25 4 3.9	12.573	0.289	87.5	1217 1298 1306 1601	24 4211*
11608	9.2	35 19.88	2.5441	0.0020	26 53 31.2	12.575	0.284	87.0	1214 1221 1222 1598	26 3956*
11609	7.0	35 20.45	2.5725	0.0019	25 38 12.8	12.576	0.287	78.2	6 obs.[1]	25 4329
11610	8.8	35 22.46	2.5048	0.0022	28 35 8.5	12.578	0.279	74.7	130 259 304	28 3841
11611	9.5	20 35 22.85	+2.5690	+0.0019	+25 47 41.9	+12.578	+0.287	86.8	1309 1323	25 4330*
11612	6.5	35 25.10	2.4865	0.0023	29 21 40.2	12.581	0.277	74.0	27 135 307	29 4131
11613	9.0	35 40.90	2.4753	0.0024	29 51 12.0	12.599	0.275	76.0	8 obs.	29 4134
11614	9.4	35 48.69	2.5104	0.0022	28 23 7.3	12.608	0.279	75.1	245 246 328	28 3844
11615	9.3	35 49.61	2.5581	0.0019	26 18 48.9	12.609	0.285	82.5	255 866 1602	26 3957*
11616	9.1	20 35 50.63	+2.5515	+0.0020	+26 36 26.2	+12.610	+0.284	86 8	1219 1414	26 3958*
11617	9.4	35 50.73	2.5314	0.0021	27 29 18.1	12.610	0.282	72.7	5 obs.[2]	27 3828
11618	9.1	35 52.44	2.4966	0.0023	28 58 34.1	12.612	0.277	88.2	1220 1595	28 3847*
11619	9.2	35 56.68	2.5726	0.0019	25 40 45.1	12.617	0.286	89.4	1300 1599 1600	25 4333*
11620	9.1	35 58.12	2.5718	0.0019	25 43 1.8	12.618	0.286	82.9	7 obs.	25 4334
11621	8.5	20 36 3.06	+2.5381	+0.0020	+27 12 43.3	+12.624	+0.282	74.9	5 obs.[3]	27 3829
11622	8.0	36 5.96	2.4985	0.0023	28 54 55.7	12.627	0.277	75.3	5 obs.[4]	28 3849
11623	8.7	36 6.11	2.4787	0.0024	29 44 53.1	12.627	0.275	77.2	7 obs.	29 4135
11624	9.5	36 6.15	2.4783	0.0024	29 45 40.6	12.627	0.275	74.7	248	29 4136*
11625	8.5	36 11.51	2.4994	0.0023	28 53 17.1	12.634	0.277	75.3	5 obs.[5]	28 3850
11626	9.3	20 36 16.14	+2.4832	+0.0024	+29 34 22.5	+12.639	+0.276	84.7	1118	29 4137*
11627	9.2	36 16.36	2.5888	0.0018	24 58 34.7	12.639	0.288	84.8	1119 1121 1129	24 4214*
11628	9.2	36 24.43	2.4840	0.0024	29 33 6.8	12.648	0.276	87.7	1117 1215 1737	29 4141*
11629	9.3	36 27.55	2.5439	0.0020	26 59 34.0	12.652	0.283	72.7	21 33	26 3960
11630	8.4	36 27.56	2.5514	0.0020	26 39 35.2	12.652	0.284	76.9	5 obs.[6]	26 3961
11631	8.2	20 36 28.68	+2.5248	+0.0022	+27 49 28.4	+12.653	+0.280	74.5	35 137 253 413	27 3832
11632	9.0	36 29.20	2.5260	0.0022	27 46 31.6	12.654	0.281	76.4	127 315 482 586	27 3833
11633	9.3	36 35.43	2.5762	0.0019	25 33 58.0	12.661	0.285	83.6	7 obs.	25 4337*
11634	9.3	36 37.20	2.5027	0.0023	28 46 54.1	12.663	0.278	74.1	15 246 259	28 3854
11635	9.0	36 38.26	2.5450	0.0021	26 57 28.9	12.664	0.282	72.7	24	26 3962*
11636	9.3	20 36 39.98	+2.4870	+0.0024	+29 26 55.2	+12.666	+0.276	86.2	1225 1305	29 4143*
11637	9.0	36 52.84	2.5690	0.0019	25 54 41.6	12.680	0.284	77.4	5 obs.[7]	25 4338
11638	9.5	36 53.97	2.5291	0.0022	27 40 34.0	12.682	0.280	75.7	37 322 596	27 3835
11639	9.0	36 58.54	2.5767	0.0019	25 34 35.4	12.687	0.285	78.3	11 obs.	25 4339
11640	9.5	37 2.66	2.4935	0.0023	29 12 34.4	12.691	0.276	86.3	1214 1217 1319 1323	29 4144*
11641	9.1	20 37 3.15	+2.5763	+0.0019	+25 35 51.2	+12.692	+0.285	76.9	8 obs.	25 4340*
11642	9.3	37 8.25	2.5754	0.0019	25 38 40.3	12.698	0.285	80.7	786	— —
11643	8.6	37 10.12	2.5380	0.0021	27 18 33.7	12.700	0.281	74.8	8 obs.	27 3836
11644	9.4	37 11.24	2.4985	0.0023	29 0 50.0	12.701	0.277	92.7	1733 1734	28 3858
11645	9.5	37 11.94	2.5299	0.0022	27 40 0.1	12.702	0.280	75.7	312	— —
11646	9.1	20 37 12.04	+2.5712	+0.0019	+25 50 20.5	+12.702	+0.285	85.7	1115 1308	25 4342*
11647	9.5	37 14.61	2.5202	0.0022	28 5 13.4	12.705	0.279	73.7	130	28 3859*[8]
11648	8.3	37 16.01	2.4794	0.0025	29 49 13.8	12.707	0.274	74.5	5 obs.[9]	29 4146
11649	9.0	37 17.79	2.5892	0.0018	25 2 18.1	12.709	0.287	74.7	128 256 321	24 4220
11650	9.4	37 20.40	2.4822	0.0024	29 42 33.0	12.711	0.275	74.4	46 135 403	— —

[1] Z. 138 252 680 685 784 786
[2] » 10 25 28 35 37
[3] » 127 137 253 312 402
[4] Z. 13 249 254 323 611
[5] » 13 245 254 323 611
[6] » 243 409 410 488 599
[7] Z. 40 321 330 334 1317
[8] BD α 5^s greater
[9] Z. 27 30 307 324 329

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11651	9.4	20h 37m 25.64	+2.5812	+0.0018	+25° 24′ 37.3	+12.717	+0.286	76.7	5 obs.[1]	25° 4343
11652	9.3	37 45.39	2.5728	0.0020	25 48 52.3	12.740	0.284	85.8	1131 1313	25 4344*
11653	9.4	37 47.86	2.5232	0.0023	28 0 22.6	12.742	0.278	81.3	5 obs.[2]	27 3840*
11654	9.5	37 48.88	2.4841	0.0025	29 40 13.9	12.743	0.274	74.7	135 311	29 4147
11655	9.1	37 51.66	2.5861	0.0018	25 13 14.7	12.747	0.285	86.4	1116 1220 1470	25 4345*
11656	9.5	20 37 53.50	+2.5731	+0.0020	+25 48 49.2	+12.749	+0.284	81.8	866	25 4346*
11657	9.0	37 56.09	2.5583	0.0020	26 28 30.1	12.752	0.282	75.5	33 255 320 614	26 3968
11658	7.5	37 57.02	2.5829	0.0019	25 22 33.0	12.753	0.285	73.7	30 40 330	25 4347
11659	9.2	37 57.98	2.4762	0.0025	30 0 41.2	12.754	0.273	86.0	1114 1298 1312	29 4148*
11660	9.5	38 1.50	2.5919	0.0018	24 58 7.8	12.758	0.286	86.2	1221 1222 1300 1314	24 4223*
11661	7.8	20 38 1.64	+2.5878	+0.0018	+25 9 10.8	+12.758	+0.286	75.5	5 obs.[3]	25 4348
11662	7.8	38 3.32	2.5512	0.0021	26 48 9.8	12.760	0.281	75.0	24 250 488	26 3969
11663	8.5	38 10.91	2.4827	0.0025	29 45 38.2	12.768	0.274	75.3	10 obs.	29 4149
11664	9.0	38 24.80	2.5455	0.0021	27 5 1.6	12.784	0.281	74.3	7 obs.	27 3843
11665	9.0	38 24.96	2.5842	0.0019	25 21 5.9	12.784	0.285	74.1	40 138 321	25 4350
11666	9.4	20 38 29.36	+2.5452	+0.0021	+27 6 3.8	+12.789	+0.280	74.7	127 315	— —
11667	9.2	38 30.98	2.5011	0.0024	29 0 55.3	12.791	0.275	82.8	863 866 1129	28 3865*
11668	8.5	38 37.07	2.5477	0.0021	27 0 15.1	12.798	0.280	78.3	11 obs.	26 3970
11669	9.4	38 44.67	2.5095	0.0024	28 40 43.4	12.806	0.276	75.8	328	28 3866*
11670	9.2	38 49.44	2.5889	0.0019	25 10 16.1	12.811	0.285	84.7	1117 1118 1121	25 4352*
11671	8.1	20 38 49.59	+2.5093	+0.0024	+28 41 41.4	+12.811	+0.276	75.2	6 obs.[4]	28 3869
11672	9.3	38 51.34	2.5103	0.0024	28 39 8.3	12.813	0.276	72.6	15	28 3870*
11673	9.0	38 52.37	2.5829	0.0019	25 26 52.7	12.815	0.284	78.5	128 256 411 1482	25 4353
11674	9.3	38 59.00	2.5408	0.0022	27 20 32.5	12.822	0.279	86.2	1225 1305	27 3844*
11675	9.4	39 0.05	2.5817	0.0019	25 30 50.4	12.823	0.284	92.7	1736 1737	25 4354
11676	9.4	20 39 11.94	+2.4926	+0.0025	+29 26 15.4	+12.837	+0.274	73.7	139	29 4155*
11677	9.2	39 12.52	2.5442	0.0022	27 12 26.6	12.837	0.279	86.7	5 obs.[5]	27 3846*
11678	9.3	39 13.05	2.4769	0.0025	30 5 51.8	12.838	0.272	85.5	789 1219 1315 1480	30 4157*
11679	9.2	39 14.14	2.5473	0.0021	27 4 24.5	12.839	0.280	83.0	410 488 1316 1603	27 3847*
11680	9.0	39 14.30	2.5477	0.0021	27 3 18.6	12.839	0.280	77.7	5 obs.[6]	26 3973
11681	9.3	20 39 16.34	+2.5915	+0.0019	+25 5 20.8	+12.842	+0.285	87.1	1215 1311 1478	25 4357*
11682	9.0	39 18.16	2.4967	0.0024	29 16 20.3	12.844	0.274	74.9	5 obs.[7]	29 4156
11683	9.3	39 20.09	2.5780	0.0020	25 42 26.9	12.847	0.284	80.7	786	25 4359*
11684	9.5	39 22.32	2.5330	0.0022	27 42 52.8	12.848	0.279	77.6	477	— —
11685	9.3	39 25.26	2.5850	0.0019	25 23 49.4	12.852	0.284	86.7	1306 1317	25 4360*
11686	9.0	20 39 26.36	+2.5143	+0.0024	+28 31 56.4	+12.853	+0.276	74.5	5 obs.[8]	28 3873
11687	9.2	39 26.53	2.5432	0.0022	27 16 22.7	12.853	0.279	86.3	1131 1412	27 3848*
11688	5.7	39 27.94	2.5976	0.0018	24 49 26.4	12.855	0.285	84.7	1115 1124 1125	*24 4229*
11689	9.4	39 28.17	2.4748	0.0026	30 12 40.8	12.855	0.271	79.7	687	— —
11690	9.5	39 29.39	2.5150	0.0024	28 30 14.3	12.856	0.276	79.7	130 254 1601	28 3874*
11691	9.5	20 39 30.70	+2.4972	+0.0025	+29 16 10.3	+12.858	+0.274	73.7	131	— —
11692	9.0	39 30.98	2.5696	0.0020	26 6 1.3	12.858	0.282	75.8	24 255 411 614	26 3975
11693	8.8[9]	39 33.23	2.5276	0.0023	27 58 0.4	12.861	0.277	75.7	8 obs.[10]	27 3850
11694	9.1[11]	39 40.33	2.4824	0.0026	29 54 26.7	12.869	0.272	85.3	868 1474	29 4160*
11695	8.8	39 42.81	2.5901	0.0019	25 11 13.5	12.871	0.284	75.4	136 252 490	25 4361
11696	9.1	20 39 43.44	+2.5919	+0.0019	+25 6 13.8	+12.872	+0.284	86.4	1222 1298 1308	25 4362*
11697	9.0	39 46.85	2.5829	0.0019	25 31 0.1	12.876	0.283	76.5	8 obs.	25 4363
11698	8.6	39 50.86	2.5972	0.0019	24 52 26.9	12.880	0.284	85.2	1116 1220	*24 4233*
11699	9.0	39 52.39	2.5140	0.0024	28 34 57.3	12.882	0.275	75.1	5 obs.[12]	28 3875
11700	9.4	39 52.76	2.5231	0.0023	28 11 26.2	12.882	0.276	75.7	246 402	28 3876*

[1] Z. 30 409 410 599 615
[2] » 126 245 417 1592 1594
[3] » 136 256 314 334 490
[4] » 13 246 254 328 404 417
[5] Z. 1119 1211 1217 1323 1596
[6] » 33 250 410 488 1303
[7] » 27 131 311 324 408
[8] » 126 130 245 254 304
[9] Close double; middle
[10] Z. 10 28 35 37 596(2) 611(2)
[11] Double; north
[12] Z. 15 249 259 404 417

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
11701	8.3	$20^h\ 39^m\ 58^s.70$	+2ˢ.4938	+0ˢ.0025	+29° 27′ 32″.3	+12″.889	+0″.273	74.4	139 237 248	29° 4164
11702	9.0	39 59.05	2.4854	0.0026	29 48 48.9	12.889	0.272	75.0	46 135 317 498	29 4163
11703	9.4	39 59.94	2.5227	0.0023	28 13 11.1	12.891	0.276	78.9	5 obs.[1]	28 3877
11704	9.1	40 3.11	2.4928	0.0025	29 30 20.9	12.894	0.273	79.5	5 obs.[2]	29 4166
11705	9.4	40 6.28	2.5648	0.0021	26 21 55.2	12.898	0.281	76.1	255 326 500	26 3978
11706	8.0	20 40 6.50	+2.5806	+0.0020	+25 39 7.2	+12.898	+0.283	77.9	6 obs.[3]	25 4364
11707	9.0	40 7.55	2.4856	0.0026	29 48 52.3	12.899	0.272	74.7	46 135 242 498	29 4167
11708	9.1	40 12.48	2.5120	0.0024	28 41 53.0	12.905	0.275	73.7	13 245	28 3878
11709	9.0	40 12.89	2.5586	0.0022	26 39 10.3	12.905	0.280	76.0	313 320 409	26 3979
11710	9.2	40 13.03	2.5352	0.0023	27 41 28.1	12.905	0.278	81.7	412 477 864 1600	27 3853*
11711	9.5	20 40 14.97	+2.5860	+0.0019	+25 25 2.4	+12.907	+0.283	91.7	1638	25 4365*
11712	9.2	40 16.36	2.5370	0.0023	27 37 4.3	12.909	0.278	83.0	257 312 1592 1594	27 3854*
11713	9.2	40 20.03	2.5795	0.0020	25 43 12.5	12.913	0.283	80.7	786	— —
11714	9.5	40 25.63	2.4790	0.0026	30 7 22.5	12.919	0.272	78.2	324 789	— —
11715	4.4	40 30.23	2.4758	0.0026	30 15 51.1	12.924	0.271	76.5	139 329 403 685	*30 4167*
11716	9.2	20 40 33.59	+2.5376	+0.0023	+27 36 46.3	+12.928	+0.278	80.8	312 866 1129	27 3856*
11717	8.5	40 39.88	2.4776	0.0026	30 12 11.4	12.935	0.271	79.4	6 obs.[4]	30 4169
11718	9.5	40 41.84	2.4801	0.0026	30 6 0.5	12.937	0.271	80.9	5 obs.[5]	30 4168*
11719	9.4	40 44.55	2.5168	0.0024	28 32 17.4	12.940	0.275	74.7	126 328	28 3881
11720	9.3	40 48.47	2.5665	0.0021	26 20 54.9	12.945	0.281	79.3	414 867	26 3981*
11721	9.3	20 40 50.54	+2.5425	+0.0023	+27 25 22.9	+12.947	+0.278	74.8	253	27 3859*
11722	9.3	40 51.11	2.5289	0.0024	28 1 11.9	12.948	0.276	73.5	28 35 37 322	27 3858
11723	9.0	40 51.66	2.5538	0.0022	26 55 21.3	12.948	0.279	74.0	25 33 250 326	26 3982
11724	9.2	40 52.02	2.5945	0.0019	25 4 37.4	12.949	0.283	87.3	1225 1478	25 4369*
11725	9.3	41 1.50	2.5439	0.0023	27 22 31.8	12.959	0.278	78.7	5 obs.[6]	27 3860
11726	9.1	20 41 3.90	+2.5044	+0.0025	+29 5 56.9	+12.962	+0.273	79.9	6 obs.[7]	29 4172
11727	9.2	41 9.70	2.5444	0.0023	27 21 58.7	12.968	0.278	73.3	10 127 137	27 3862*
11728	9.4	41 16.86	2.5046	0.0025	29 6 40.5	12.976	0.273	87.3	1219 1480	29 4175*
11729	9.0	41 19.50	2.5773	0.0021	25 54 18.9	12.979	0.281	73.7	30 40 128 321	25 4371
11730	9.0	41 20.88	2.5022	0.0025	29 13 19.4	12.981	0.273	77.7	11 obs.	29 4176
11731	9.5	20 41 22.99	+2.5821	+0.0020	+25 41 30.3	+12.983	+0.281	87.8	1323 1412 1482	25 4372*
11732	9.1	41 26.04	2.5627	0.0022	26 34 22.0	12.986	0.280	83.7	866 1115 1117	26 3984*
11733	8.3	41 31.81	2.5383	0.0024	27 40 13.9	12.993	0.276	75.3	5 obs.[8]	27 3865
11734	9.3	41 32.39	2.5636	0.0022	26 33 27.7	12.993	0.279	83.8	864 1119 1131	26 3985*
11735	9.4	41 32.89	2.5085	0.0025	28 58 10.6	12.994	0.273	76.1	5 obs.[9]	28 3884
11736	9.0	20 41 34.91	+2.5226	+0.0024	+28 21 44.9	+12.996	+0.274	78.9	7 obs.	28 3885
11737	8.9	41 38.15	2.5613	0.0022	26 39 13.5	13.000	0.279	77.0	8 obs.	26 3986
11738	8.4[10]	41 38.90	2.5985	0.0019	24 57 28.8	13.001	0.282	74.1	136 138 252	24 4241
11739	9.3	41 41.43	2.5569	0.0023	26 51 30.2	13.004	0.278	77.8	509	26 3987*
11740	9.2	41 46.16	2.5384	0.0024	27 41 11.8	13.009	0.276	84.1	5 obs.[11]	27 3866*
11741	9.2	20 41 53.42	+2.4851	+0.0027	+30 0 7.5	+13.017	+0.270	84.7	1114 1121	29 4177*
11742	9.4	41 54.17	2.5647	0.0022	26 31 25.8	13.018	0.279	87.0	1222 1298 1315 1474	26 3989*
11743	9.2	42 2.30	2.5817	0.0020	25 45 38.4	13.027	0.280	80.7	786	— —
11744	9.5	42 4.96	2.5838	0.0020	25 40 14.4	13.030	0.281	90.7	1595	— —
11745	9.5	42 8.67	2.5634	0.0022	26 36 16.4	13.034	0.279	86.7	1300 1313	26 3991*
11746	9.1	20 42 11.88	+2.5521	+0.0023	+27 6 51.1	+13.037	+0.278	76.1	28 701	27 3867
11747	9.4	42 13.82	2.5627	0.0022	26 38 29.7	13.039	0.279	75.5	5 obs.[12]	26 3992
11748	9.0	42 14.50	2.4871	0.0027	29 56 47.6	13.040	0.270	74.4	6 obs.[13]	29 4178
11749	9.0	42 14.50	2.5594	0.0023	26 47 24.5	13.040	0.278	82.7	24 1737	26 3993
11750	9.5	42 14.89	2.5830	0.0020	25 43 13.7	13.041	0.280	86.4	321 1594 1740	25 4374[14]

[1] Z. 246 249 402 863 1300
[2] » 248 307 311 1121 1314
[3] » 34 40 330 334 1114 1214
[4] » 27 685 687 789 796 943
[5] » 680 684 701 932 943
[6] Z. 127 137 253 1215 1217
[7] » 329 408 686 687 796 1303
[8] » 35 257 315 412 413
[9] » 126 130 259 417 863
[10] Double; middle
[11] Z. 477 868 1116 1220 1596
[12] » 33 255 313 414 488
[13] » 27 46 139 307 311 324
[14] » BD α 10^s too great

Nr.	Mag	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
11751	9.5	20h 42m 18.51	+2.4905	+0.0027	+29° 48' 30".3	+13.045	+0.270	88.7	1314 1317 1733	29° 4179
11752	7.0	42 24.69	2.5833	0.0021	25 43 7.9	13.052	0.280	74.6	6 obs.[1]	25 4375
11753	9.4	42 31.76	2.5047	0.0026	29 13 18.3	13.059	0.272	87.1	1129 1211 1603	29 4180*
11754	7.0	42 33.13	2.5523	0.0023	27 8 11.1	13.061	0.277	74.1	5 obs.[2]	27 3868
11755	8.0	42 34.13	2.5058	0.0026	29 10 43.9	13.062	0.272	76.5	5 obs.[3]	29 4181
11756	9.5	20 42 35.68	+2.5643	+0.0022	+26 36 8.1	+13.064	+0.278	77.8	500	— —
11757	9.0	42 37.56	2.4953	0.0027	29 37 56.7	13.066	0.270	74.7	135 237 324	29 4182
11758	9.4	42 39.35	2.5387	0.0024	27 44 57.3	13.068	0.275	83.2	137 1743	27 3869
11759	9.4	42 42.61	2.5807	0.0021	25 51 43.6	13.071	0.279	77.8	138 330 334 1217	25 4376
11760	9.3	42 46.55	2.5530	0.0023	27 7 34.5	13.076	0.277	79.8	701	— —
11761	8.0[4]	20 42 46.65	+2.5558	+0.0023	+26 59 50.3	+13.076	+0.277	76.5	255 326 414 609	26 3995
11762	8.2	42 48.44	2.5463	0.0023	27 25 31.2	13.078	0.276	76.4	35 482 611	27 3871
11763	9.5	42 48.65	2.5801	0.0021	25 53 56.0	13.078	0.279	73.7	138	25 4377*
11764	9.3	42 49.61	2.5506	0.0023	27 14 8.3	13.079	0.276	85.7	1214	27 3870*
11765	8.0	42 52.31	2.5795	0.0021	25 56 3.5	13.082	0.279	74.2	128 252	25 4378
11766	9.1	20 42 53.30	+2.4938	+0.0027	+29 43 16.7	+13.083	+0.270	86.1	852 1225 1601	29 4184*
11767	7.9	42 54.23	2.5319	0.0024	28 4 8.8	13.084	0.274	74.9	5 obs.[5]	28 3888
11768	9.0	42 54.52	2.5525	0.0023	27 9 29.3	13.085	0.276	78.1	5 obs.[6]	27 3872
11769	8.8	42 58.98	2.5596	0.0023	26 50 48.1	13.089	0.277	76.7	24 320 500 796	26 3996
11770	9.4	42 59.92	2.5816	0.0021	25 50 47.0	13.090	0.279	84.2	330 1738	25 4380
11771	9.1	20 43 0.17	+2.5967	+0.0020	+25 9 7.3	+13.091	+0.281	86.1	864 1412 1478	25 4379*
11772	7.9	43 0.35	2.5385	0.0024	27 47 17.3	13.091	0.275	78.0	137 596 680 687	27 3873
11773	8.8	43 3.73	2.5575	0.0023	26 56 42.3	13.095	0.277	78.2	5 obs.[7]	26 3997
11774	8.9	43 3.74	2.5704	0.0022	26 21 34.5	13.095	0.278	79.7	8 obs.	26 3998
11775	9.3	43 9.89	2.5969	0.0020	25 9 34.0	13.102	0.281	85.7	1215	25 4381*
11776	9.2	20 43 13.44	+2.4960	+0.0027	+29 39 26.0	+13.105	+0.270	86.7	1219 1308 1410	29 4187*
11777	9.5	43 21.35	2.5827	0.0021	25 49 45.2	13.114	0.279	74.8	136 334	— —
11778	9.5	43 21.40	2.5844	0.0021	25 44 50.1	13.114	0.279	84.3	256 1864	— —
11779	8.3	43 23.22	2.5268	0.0025	28 20 26.1	13.116	0.273	74.7	126 130 245 404	28 3890
11780	9.4	43 24.62	2.5548	0.0023	27 5 47.2	13.118	0.277	72.7	25 37	27 3874
11781	9.1	20 43 27.57	+2.5523	+0.0023	+27 12 48.0	+13.121	+0.276	91.4	1480 1732 1736	27 3875
11782	9.3	43 30.12	2.5316	0.0025	28 8 17.9	13.124	0.273	83.8	866 1115 1131	28 3891*
11783	9.5	43 32.35	2.5068	0.0026	29 13 18.4	13.126	0.271	81.8	868	29 4189*
11784	9.1	43 34.60	2.5182	0.0026	28 43 55.1	13.129	0.272	85.8	1117 1118 1133 1482	28 3892*
11785	8.3	43 34.86	2.5965	0.0020	25 12 37.1	13.129	0.281	73.7	34 40 321	25 4383
11786	9.4	20 43 35.52	+2.5759	+0.0022	+26 9 34.8	+13.130	+0.278	80.8	793	26 4000*
11787	9.5	43 36.08	2.5026	0.0026	29 24 34.1	13.130	0.270	76.4	6 obs.[8]	29 4191
11788	9.2	43 38.43	2.5420	0.0024	27 41 34.6	13.133	0.274	90.3	1323 1863	27 3876*
11789	8.7	43 39.17	2.5622	0.0023	26 47 7.1	13.134	0.277	78.1	13 obs.	26 4001
11790	8.1	43 40.28	2.5967	0.0020	25 12 28.1	13.135	0.281	80.8	40 321 1861	25 4384
11791	8.7	20 43 43.12	+2.5106	+0.0026	+29 4 26.3	+13.138	+0.271	84.7	1114 1119	29 4193
11792	9.5	43 48.52	2.5279	0.0025	28 19 41.5	13.144	0.273	74.0	126 130 245	28 3893
11793	9.2	43 49.13	2.5531	0.0023	27 12 24.5	13.145	0.276	76.1	5 obs.[9]	27 3877
11794	9.4	43 51.72	2.5792	0.0022	26 1 54.0	13.148	0.278	86.2	1220 1298	25 4385*
11795	9.4	43 52.96	2.5780	0.0022	26 5 11.7	13.149	0.278	82.7	937	26 4002*
11796	9.5	20 43 54.17	+2.5570	+0.0023	+27 2 30.1	+13.150	+0.276	87.7	1315 1470	— —
11797	9.5	43 55.18	2.6016	0.0020	24 59 55.6	13.151	0.281	87.7	1317 1474	24 4252*
11798	9.5	44 0.47	2.5232	0.0026	28 33 12.8	13.157	0.272	74.7	246 249	28 3894
11799	9.3	44 5.54	2.5404	0.0025	27 48 14.5	13.163	0.274	79.7	680	— —
11800	9.5	44 7.15	2.5560	0.0023	27 6 13.6	13.165	0.276	73.7	127	— —

[1] Z. 30 34 40 136 252 786
[2] » 10 37 127 253 402
[3] » 131 248 317 408 867
[4] Very close double; middle
[5] Z. 15 130 249 404 417
[6] » 315 413 596 685 693
[7] Z. 326 599 609 614 615
[8] » 27 135 329 403 498 863
[9] » 253 312 315 413 482

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11801	9.1	$20^h\ 44^m\ 9^s.21$	+2ˢ.5583	+0ˢ.0023	+27° 0′ 10″.0	+13″.167	+0″.276	86.7	1116 1121 1602	26° 4003*
11802	9.1	44 9.32	2.5442	0.0024	27 38 17.7	13.167	0.274	86.7	1300 1314 1319	27 3879*
11803	9.1	44 9.78	2.5158	0.0026	28 53 32.7	13.168	0.271	75.1	254 259 328	28 3896
11804	9.5	44 10.08	2.5316	0.0025	28 12 1.6	13.168	0.273	86.7	1313	28 3895*
11805	9.0	44 10.79	2.5538	0.0024	27 12 45.9	13.169	0.275	74.6	10 obs.	27 3880
11806	8.0	20 44 17.05	+2.5710	+0.0022	+26 26 26.9	+13.176	+0.277	76.7	7 obs.	26 4005
11807	9.2	44 17.56	2.5982	0.0020	25 11 39.4	13.176	0.280	85.7	1210 1211	25 4386*
11808	7.7	44 21.06	2.5958	0.0021	25 18 25.6	13.180	0.280	74.1	30 128 334	25 4387
11809	8.1	44 25.28	2.4862	0.0028	30 11 14.6	13.185	0.267	92.7	1732 1736	30 4191
11810	8.5	44 32.47	2.5013	0.0027	29 32 50.2	13.192	0.269	74.4	6 obs.[1]	29 4195
11811	9.0	20 44 37.74	+2.5883	+0.0021	+25 40 35.6	+13.198	+0.278	81.2	786(2) 864 867	25 4390*
11812	8.2	44 39.83	2.5899	0.0021	25 36 25.1	13.201	0.279	75.7	138 256 411 490	25 4391
11813	9.1	44 40.14	2.6052	0.0020	24 53 32.7	13.201	0.280	83.3	866 1129	*24 4256**
11814	8.0	44 41.95	2.5252	0.0026	28 31 43.2	13.203	0.271	75.3	5 obs.[2]	28 3898
11815	9.4	44 43.15	2.5361	0.0025	28 2 51.7	13.204	0.273	84.7	863 1217 1312	27 3883*
11816	7.5	20 44 45.04	+2.5615	+0.0024	+26 54 46.5	+13.206	+0.275	76.6	6 obs.[3]	26 4008
11817	8.5	44 55.57	2.5167	0.0026	28 55 14.9	13.218	0.270	77.2	5 obs.[4]	28 3900
11818	8.9	44 58.20	2.5790	0.0022	26 8 2.3	13.221	0.277	79.3	5 obs.[5]	26 4009
11819	9.1	44 59.57	2.5009	0.0027	29 37 3.1	13.222	0.269	74.4	46 237 329	29 4197
11820	9.0	45 2.52	2.5789	0.0022	26 8 44.6	13.225	0.277	76.7	250 326 684	26 4010
11821	9.2	20 45 13.19	+2.5207	+0.0026	+28 46 30.8	+13.237	+0.270	84.4	868 1215 1219	28 3901*
11822	9.0	45 13.36	2.5536	0.0024	27 18 40.4	13.237	0.274	82.2	127 1589	27 3886*
11823	8.5	45 15.43	2.5329	0.0025	28 14 23.7	13.240	0.272	74.5	126 130 259 323	28 3902
11824	9.2	45 15.60	2.4892	0.0028	30 8 29.8	13.240	0.268	92.7	1733 1737	30 4198
11825	9.3	45 16.15	2.5817	0.0022	26 2 9.9	13.240	0.277	74.0	34 40 252 330	25 4393
11826	8.3	20 45 19.72	+2.5040	+0.0027	+29 30 43.7	+13.244	+0.269	74.7	131 139 307 317	29 4200
11827	9.5	45 19.89	2.5820	0.0022	26 1 53.6	13.244	0.277	75.8	330	— —
11828	8.9	45 21.65	2.5961	0.0021	25 22 28.3	13.246	0.279	76.7	5 obs.[6]	25 4395
11829	8.0[7]	45 24.79	2.4940	0.0028	29 56 51.2	13.250	0.268	75.4	135 311 408	29 4201
11830	8.8	45 30.01	2.5084	0.0027	29 20 13.7	13.255	0.269	78.0	131 403 790 794	29 4202
11831	8.9	20 45 37.05	+2.4972	+0.0028	+29 49 58.9	+13.263	+0.268	75.7	139 329 498	29 4204
11832	9.4	45 39.25	2.5086	0.0027	29 20 39.4	13.266	0.269	76.8	403	29 4205*
11833	9.5	45 40.01	2.5562	0.0024	27 14 11.6	13.266	0.274	79.8	699	— —
11834	8.9	45 46.47	2.5811	0.0022	26 6 33.4	13.273	0.276	78.5	14 obs.	26 4012
11835	9.2	45 47.19	2.5020	0.0028	29 38 40.7	13.274	0.268	85.4	866 1214 1478	29 4206*
11836	9.2	20 45 49.75	+2.5808	+0.0022	+26 7 53.8	+13.277	+0.276	76.2	23 313 320 788	— —
11837	9.0	45 52.57	2.5244	0.0026	28 40 31.2	13.280	0.270	87.2	867 1220 1480 1734	28 3904
11838	9.0	45 57.00	2.5345	0.0025	28 14 2.2	13.285	0.271	74.7	5 obs.[8]	28 3905
11839	9.3	45 57.46	2.5143	0.0027	29 7 19.8	13.285	0.269	87.1	1222 1308 1482	29 4208*
11840	9.2	46 3.13	2.6034	0.0021	25 5 34.4	13.292	0.279	88.1	1298 1315 1594	25 4396*
11841	7.7	20 46 5.31	+2.5631	+0.0024	+26 57 41.3	+13.294	+0.274	74.7	33 255 409	26 4013
11842	8.5	46 6.29	2.5148	0.0027	29 6 51.8	13.295	0.269	74.7	46 307 311	29 4210
11843	6.1	46 9.89	2.5450	0.0025	27 46 58.1	13.299	0.272	73.5	6 obs.[9]	27 3890
11844	9.3	46 10.10	2.5970	0.0021	25 24 13.1	13.299	0.278	86.7	1300 1316 1317	25 4397*
11845	9.3	46 12.50	2.5440	0.0025	27 49 57.9	13.302	0.272	87.7	1314 1408 1470	27 3891*
11846	9.5	20 46 17.45	+2.5941	+0.0022	+25 33 2.1	+13.307	+0.277	90.7	1595	— —
11847	9.4	46 17.89	2.4937	0.0028	30 2 49.2	13.308	0.267	87.3	1323 1410	29 4211*
11848	9.0	46 23.71	2.5817	0.0023	26 8 9.8	13.314	0.276	80.8	792 793	26 4014
11849	9.0	46 28.09	2.5826	0.0023	26 5 59.7	13.319	0.275	72.7	24	— —
11850	9.4	46 33.54	2.5142	0.0027	29 11 8.4	13.325	0.268	83.8	867 868 1414	29 4212*

[1] Z. 27 46 139 307 311 317
[2] » 15 259 323 404 417
[3] » 23 33 250 685 686 688
[4] Z. 246 249 254 328 1225
[5] » 326 488 687 792 937
[6] » 30 128 136 321 1412
[7] Double; larger
[8] Z. 126 130 245 259 417
[9] » 10 25 35 37 137 413

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11851	9.2	20h 46m 34s.23	+2s.5697	+0s.0024	+26° 42' 12".6	+13s.326	+0s.274	83.8	864 1129 1130	26° 4015*
11852	8.7	46 42.21	2.5050	0.0028	29 35 54.4	13.334	0.267	78.5	7 obs.	29 4213
11853	5.0	46 46.69	2.5717	0.0024	26 37 47.9	13.339	0.274	79.0	414 500 789 793	26 4017
11854	9.0	46 46.95	2.5575	0.0025	27 16 41.8	13.339	0.273	77.2	25 28 699 1011	27 3897
11855	8.0	46 49.53	2.5329	0.0026	28 23 6.4	13.342	0.270	75.7	254 328 404	28 3907
11856	9.5	20 46 49.54	+2.5940	+0.0022	+25 36 3.9	+13.342	+0.276	73.7	138	— —
11857	9.0	46 52.26	2.5090	0.0028	29 26 17.8	13.345	0.267	78.6	6 obs. [1]	29 4214
11858	9.2	46 56.18	2.5234	0.0027	28 48 50.2	13.350	0.269	84.7	1114 1115 1116	28 3908*
11859	9.3	46 56.61	2.5841	0.0023	26 4 29.3	13.350	0.275	88.3	1225 1601	25 4399*
11860	8.9	47 1.00	2.5380	0.0026	28 10 36.4	13.355	0.270	86.7	789 1738	28 3910
11861	9.0	20 47 3.61	+2.4927	+0.0029	+30 9 39.9	+13.358	+0.266	92.7	1733 1736	30 4210
11862	9.1	47 10.95	2.5031	0.0028	29 43 42.5	13.366	0.267	79.7	6 obs. [2]	29 4216
11863	8.8	47 13.35	2.4992	0.0029	29 53 27.6	13.368	0.266	78.5	5 obs. [3]	29 4217
11864	8.3	47 14.94	2.5020	0.0029	29 46 45.7	13.370	0.266	80.5	5 obs. [4]	29 4218
11865	8.7	47 17.62	2.5849	0.0023	26 4 7.6	13.373	0.275	73.1	34 40 128	25 4401
11866	9.5	20 47 17.93	+2.5476	+0.0026	+27 46 18.5	+13.373	+0.271	74.2	137 253	27 3899
11867	9.1	47 27.02	2.5758	0.0024	26 30 3.3	13.383	0.274	83.7	868 1117 1118	26 4019*
11868	8.0	47 40.47	2.5240	0.0028	28 51 39.4	13.398	0.268	79.0	404 683 790	28 3915
11869	9.1	47 40.72	2.5867	0.0023	26 1 15.5	13.398	0.275	84.7	1119 1121	25 4403*
11870	7.7	47 47.90	2.5284	0.0027	28 40 26.9	13.406	0.268	80.6	6 obs. [5]	28 3916
11871	9.3	20 47 49.96	+2.5516	+0.0026	+27 38 21.3	+13.408	+0.271	91.7	1637	27 3901*
11872	9.2	47 50.63	2.6017	0.0022	25 19 47.0	13.409	0.276	91.7	1638	25 4404*
11873	6.6	47 52.51	2.5171	0.0028	29 10 45.8	13.411	0.267	81.8	684 701 1222	29 4221
11874	9.2	47 57.35	2.5729	0.0024	26 40 56.2	13.416	0.273	87.8	1408	26 4021*
11875	8.7	47 59.78	2.5334	0.0027	28 28 29.4	13.419	0.269	83.2	680 1303	28 3917
11876	9.4	20 48 0.80	+2.5939	+0.0022	+25 42 26.3	+13.420	+0.276	91.7	1602 1740	25 4405
11877	9.5	48 6.45	2.5872	0.0023	26 1 50.6	13.426	0.275	81.8	866	25 4406*
11878	9.3	48 7.54	2.5964	0.0022	25 36 16.9	13.427	0.276	82.4	786 851 1008 1018	25 4407
11879	9.2	48 14.29	2.5726	0.0024	26 43 5.0	13.434	0.273	87.7	1314 1470	26 4023*
11880	9.0	48 16.93	2.5607	0.0025	27 16 10.1	13.437	0.271	77.4	25 699 701	27 3903
11881	9.4	20 48 18.08	+2.5966	+0.0022	+25 36 32.1	+13.438	+0.275	82.7	793 1008 1020	25 4409
11882	9.5	48 18.03	2.5361	0.0027	28 22 49.9	13.438	0.269	93.4	1743 1845 1863	28 3918
11883	9.5	48 19.48	2.5361	0.0027	28 22 45.7	13.440	0.269	89.1	694 1846 1861	
11884	9.2	48 23.28	2.6130	0.0021	24 50 33.4	13.444	0.277	87.8	1417	*24 4267**
11885	8.8	48 24.11	2.5613	0.0025	27 15 12.5	13.445	0.271	87.0	699 1410 1412 1739	27 3905
11886	9.5	20 48 39.99	+2.4981	+0.0029	+30 5 21.3	+13.462	+0.264	81.8	868	30 4220*
11887	7.5	48 41.16	2.5224	0.0028	29 1 35.4	13.463	0.267	88.7	1116 1480 1734	28 3920
11888	9.0	48 55.31	2.5179	0.0028	29 14 47.5	13.479	0.266	81.9	7 obs.	29 4227
11889	9.1	48 56.46	2.5187	0.0028	29 13 1.2	13.480	0.266	80.8	684 695 789 943	29 4226
11890	9.0	48 57.25	2.5537	0.0026	27 39 2.0	13.481	0.270	80.8	786 793 794	27 3907
11891	8.0	20 49 1.39	+2.5348	+0.0028	+28 30 27.5	+13.485	+0.268	83.7	5 obs. [6]	28 3921
11892	9.3	49 2.27	2.5254	0.0028	28 55 40.2	13.486	0.267	82.7	794 1014 1024	28 3922
11893	7.0	49 4.03	2.5452	0.0027	28 2 52.8	13.488	0.269	83.1	685 1115 1121	27 3909
11894	9.1	49 5.09	2.5553	0.0026	27 35 22.0	13.489	0.270	82.0	5 obs. [7]	27 3910
11895	8.6	49 5.15	2.6074	0.0022	25 10 19.2	13.489	0.276	88.7	1119 1737	25 4410
11896	9.1	20 49 7.38	+2.5195	+0.0028	+29 11 50.1	+13.492	+0.266	82.1	684 789 1225	29 4228*
11897	9.0	49 13.16	2.5364	0.0027	28 27 17.5	13.498	0.268	87.2	851 1742	28 3923
11898	**5.3**	**49 14.02**	**2.5557**	**0.0026**	**27 34 59.2**	**13.499**	**0.270**		**Fund. Cat.**	**27 3911**
11899	9.3	49 14.03	2.5900	0.0024	26 0 0.9	13.499	0.274	83.7	1009 1015 1023	25 4411
11900	9.2	49 21.29	2.5525	0.0026	27 44 22.8	13.507	0.269	91.7	1589 1745	27 3912

[1] Z. 135 403 684 695 788 790
[2] » 46 687 694 851 852 943
[3] » 135 408 685 693 943
[4] Z. 680 687 695 852 864
[5] » 323 683 693 794 937 1131
[6] Z. 693 1005 1012 1018 1414
[7] » 701 862 867 948 1016

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11901	9.2	20h 49m 21s.47	+2s.5559	+0s.0026	+27° 35' 10".0	+13".507	+0".269	85.0	862 1009 1025 1601	27° 3913
11902	9.5	49 25.60	2.5167	0.0029	29 20 53.1	13.511	0.266	81.8	866	29 4230*
11903	8.4	49 38.30	2.6033	0.0023	25 24 32.9	13.525	0.275	82.2	699 864 1013 1020	25 4415
11904	8.0	49 41.75	2.5559	0.0027	27 37 2.2	13.529	0.269	81.5	5 obs. [1]	27 3915
11905	9.3	49 45.31	2.5552	0.0027	27 39 26.5	13.533	0.269	83.7	1010 1015	27 3916
11906	8.9	20 49 50.57	+2.5409	+0.0028	+28 18 50.8	+13.538	+0.267	81.9	8 obs.	28 3925
11907	9.3	49 59.68	2.5280	0.0029	28 54 27.4	13.547	0.266	85.8	1222	28 3927*
11908	8.9	50 7.07	2.5197	0.0029	29 17 7.7	13.556	0.265	82.2	790 1020	29 4234
11909	9.4	50 7.39	2.5832	0.0025	26 24 1.1	13.556	0.272	82.4	680 1016 1024	26 4027
11910	9.0	50 10.21	2.5852	0.0025	26 18 35.4	13.559	0.272	80.3	687 692 693 868	26 4028
11911	9.2	20 50 11.90	+2.5480	+0.0027	+28 1 21.8	+13.561	+0.268	90.7	1470 1740	27 3921
11912	8.8	50 12.97	2.5781	0.0025	26 38 38.0	13.562	0.271	83.7	1008 1013 1018	26 4029
11913	9.2	50 17.96	2.5462	0.0027	28 6 54.3	13.568	0.268	87.3	1314 1410	28 3931*
11914	9.3	50 22.91	2.5611	0.0026	27 26 48.7	13.573	0.269	86.7	257 1738 1743	27 3922
11915	8.7	50 26.94	2.5811	0.0025	26 31 39.4	13.577	0.271	78.5	326 414 615 937	26 4031
11916	9.2	20 50 30.16	+2.5139	+0.0030	+29 34 44.3	+13.581	+0.264	82.8	5 obs. [2]	29 4238
11917	8.8	50 31.66	2.6038	0.0023	25 28 6.3	13.582	0.273	74.1	136 138 256	25 4418
11918	8.0	50 34.89	2.5445	0.0028	28 13 21.5	13.586	0.267	78.6	6 obs. [3]	28 3935
11919	7.2	50 40.79	2.5693	0.0026	27 5 50.4	13.592	0.270	76.5	5 obs. [4]	27 3924
11920	9.5	50 49.63	2.5648	0.0027	27 19 10.3	13.602	0.269	81.8	867	27 3926*
11921	8.4	20 50 50.33	+2.5478	+0.0028	+28 5 49.4	+13.603	+0.267	78.7	6 obs. [5]	28 3936
11922	9.2	50 53.95	2.5187	0.0029	29 24 16.5	13.606	0.264	86.2	1116 1412	29 4239*
11923	8.0	51 1.55	2.5715	0.0026	27 1 32.2	13.615	0.270	75.7	7 obs.	26 4033
11924	9.4	51 2.70	2.5313	0.0029	28 51 40.7	13.616	0.265	79.7	680 684	— —
11925	9.2	51 5.64	2.5784	0.0025	26 42 50.5	13.619	0.271	86.8	1225 1414	26 4034*
11926	9.1	20 51 6.64	+2.5540	+0.0028	+27 50 10.7	+13.620	+0.267	86.3	1121 1417	27 3927*
11927	8.3	51 7.51	2.5100	0.0030	29 48 36.7	13.621	0.263	74.1	27 46 408	29 4240
11928	9.2	51 14.98	2.5071	0.0030	29 56 56.5	13.629	0.262	81.6	851	— —
11929	9.3	51 18.22	2.5121	0.0030	29 44 7.3	13.632	0.263	75.7	317	29 4241*
11930	9.1	51 19.31	2.5214	0.0030	29 19 50.6	13.634	0.264	84.7	1115	29 4242*
11931	9.3	20 51 23.40	+2.5108	+0.0030	+29 48 19.4	+13.638	+0.262	86.8	1317	29 4243*
11932	9.3	51 29.76	2.5299	0.0029	28 57 59.2	13.645	0.265	74.8	246 249 254	28 3941
11933	9.4	51 31.22	2.5128	0.0030	29 43 43.5	13.646	0.262	84.5	5 obs. [6]	29 4245
11934	9.0	51 31.85	2.5019	0.0031	30 12 27.0	13.647	0.261	92.7	1733 1734	30 4244
11935	9.3	51 39.27	2.6004	0.0024	25 43 39.8	13.655	0.272	81.8	867	25 4420*
11936	9.2	20 51 42.30	+2.5080	+0.0031	+29 57 28.4	+13.658	+0.262	78.3	329 789	29 4248
11937	9.3	51 46.19	2.5849	0.0025	26 28 12.4	13.662	0.270	81.7	7 obs.	26 4037*
11938	9.2	51 53.20	2.6104	0.0024	25 16 27.8	13.670	0.272	86.2	1222 1298	25 4421*
11939	9.4	51 55.65	2.5334	0.0030	28 51 14.3	13.672	0.264	78.6	6 obs. [7]	28 3944
11940	9.3	52 1.34	2.5336	0.0030	28 51 16.4	13.678	0.264	77.6	5 obs. [8]	28 3945
11941	7.0	20 52 12.39	+2.5975	+0.0025	+25 55 14.2	+13.690	+0.271	74.2	6 obs. [9]	25 4422
11942	9.2	52 13.83	2.6193	0.0023	24 52 39.4	13.692	0.273	84.7	1117 1118	*24 4285**
11943	8.7	52 14.60	2.5231	0.0030	29 20 38.3	13.693	0.263	75.1	46 329 403	29 4249
11944	9.3	52 15.01	2.5628	0.0027	27 32 42.0	13.693	0.267	87.3	1314 1411	27 3932*
11945	9.4	52 18.37	2.5854	0.0026	26 29 46.2	13.697	0.270	85.2	488 1740	26 4039
11946	9.4	20 52 19.26	+2.5825	+0.0026	+26 38 5.3	+13.698	+0.269	80.4	250 326 1589	26 4041
11947	9.4	52 20.19	2.5862	0.0026	26 27 40.7	13.699	0.270	82.3	5 obs. [10]	26 4040*
11948	9.0	52 21.33	2.5077	0.0031	30 2 2.8	13.700	0.261	78.0	27 139 317 1605	29 4251
11949	9.0	52 21.71	2.5460	0.0029	28 19 26.8	13.700	0.265	74.7	130 249 328	28 3947
11950	9.5	52 22.57	2.5097	0.0031	29 57 9.6	13.701	0.261	73.7	35	— —

[1] Z. 10 1010 1014 1019 1023
[2] » 864 866 948 1011 1019
[3] » 259 417 693 699 701 794
[4] » 127 315 412 482 611
[5] Z. 130 328 683 685 788 932
[6] » 139 498 1480 1602 1637
[7] » 245 254 683 687 789 862
[8] Z. 245 259 417 687 862
[9] » 30 34 40 138 334 497
[10] » 320 414 866 1470 1478

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11951	9.2	20h 52m 23s.23	+2s.5153	+0s.0031	+29° 42' 25".5	+13".702	+0".262	73.7	30	29° 4250*
11952	9.5	52 27.10	2.5926	0.0025	26 10 12.6	13.706	0.270	87.8	1414	— —
11953	9.4	52 29.90	2.5705	0.0027	27 12 47.9	13.709	0.268	87.8	1323 1483	27 3933*
11954	9.4	52 36.33	2.5160	0.0031	29 41 40.6	13.716	0.262	83.2	131 1737	29 4252
11955	9.1	52 39.37	2.6109	0.0024	25 18 57.0	13.719	0.272	86.8	947 1603	25 4424*
11956	7.7	20 52 44.99	+2.5339	+0.0030	+28 54 42.9	+13.725	+0.263	79.8	12 obs.	28 3951
11957	9.5	52 45.50	2.5933	0.0025	26 10 8.9	13.725	0.270	86.7	1313	26 4043*
11958	8.3	52 47.53	2.5366	0.0030	28 47 38.9	13.728	0.264	80.0	11 obs.	28 3952
11959	8.5	52 47.99	2.6052	0.0024	25 36 13.2	13.728	0.271	74.0	34 40 252 330	25 4425
11960	9.4	52 52.95	2.5864	0.0026	26 30 20.9	13.733	0.269	78.8	615	— —
11961	8.8	20 52 54.00	+2.5882	+0.0026	+26 25 15.3	+13.734	+0.269	73.4	24 33 255	26 4045
11962	9.0	52 59.88	2.6010	0.0025	25 49 32.5	13.741	0.270	75.8	128 256 607	25 4426*
11963	8.8	53 0.10	2.6017	0.0025	25 47 32.9	13.741	0.270	76.4	6 obs. [1]	25 4428
11964	9.2	53 0.23	2.6049	0.0024	25 38 22.2	13.741	0.271	85.5	948 1210 1211 1417	25 4427*
11965	6.7	53 0.81	2.5120	0.0031	29 54 44.6	13.742	0.261	75.7	135 307 324 498	29 4253
11966	8.5	20 53 1.02	+2.5592	+0.0029	+27 46 49.3	+13.742	+0.266	74.7	9 obs.	27 3934
11967	9.5	53 5.76	2.5755	0.0027	27 2 20.4	13.747	0.268	76.7	250 488 500	26 4046
11968	8.1	53 6.59	2.5284	0.0030	29 11 44.9	13.748	0.263	75.7	248(2) 403 408	29 4254
11969	9.1	53 12.12	2.5070	0.0031	30 9 8.5	13.754	0.261	88.7	1116 1736	30 4258
11970	8.3	53 12.65	2.5073	0.0031	30 8 28.1	13.754	0.261	85.2	5 obs. [2]	30 4259
11971	8.9	20 53 14.84	+2.5177	+0.0031	+29 41 19.5	+13.757	+0.261	78.3	5 obs. [3]	29 4255
11972	8.5	53 15.32	2.5125	0.0031	29 54 57.9	13.757	0.261	79.3	498 792	29 4256
11973	9.4	53 16.66	2.5314	0.0030	29 4 41.1	13.758	0.263	85.0	867 1214 1215 1317	29 4257*
11974	9.3	53 35.97	2.5561	0.0029	27 58 56.8	13.779	0.264	74.4	127 137 315	27 3936*
11975	9.5	53 37.70	2.6006	0.0026	25 54 3.0	13.781	0.269	77.0	5 obs. [4]	25 4429
11976	9.1	20 53 37.82	+2.6206	+0.0024	+24 56 15.1	+13.781	+0.271	75.3	30 252 334 497	24 4291
11977	9.2	53 39.16	2.5160	0.0032	29 48 7.3	13.782	0.261	78.4	8 obs.	29 4261
11978	9.3	53 40.17	2.6208	0.0024	24 55 53.2	13.783	0.271	74.4	40 252 330	24 4293
11979	9.0	53 41.47	2.6167	0.0024	25 8 4.8	13.785	0.271	78.5	5 obs. [5]	25 4430
11980	9.1	53 45.86	2.5267	0.0031	29 20 8.9	13.789	0.262	87.1	1217 1309 1480	29 4262*
11981	9.2	20 54 0.60	+2.6111	+0.0025	+25 26 0.3	+13.805	+0.270	85.8	1222 1227 1228	25 4432*
11982	9.1	54 8.66	2.5327	0.0030	29 6 10.6	13.813	0.262	86.7	1118 1478	29 4264*
11983	9.2	54 12.12	2.5295	0.0031	29 15 21.6	13.817	0.261	86.4	1216 1300 1314	29 4265*
11984	9.4	54 16.14	2.5170	0.0032	29 49 20.4	13.821	0.260	79.5	139 423 792 1316	29 4266
11985	9.5	54 16.57	2.5658	0.0028	27 36 7.2	13.822	0.265	78.8	614	— —
11986	9.2	20 54 26.51	+2.5464	+0.0030	+28 30 41.4	+13.832	+0.263	83.8	947 1119	28 3957*
11987	9.5	54 26.72	2.5233	0.0031	29 33 17.2	13.833	0.261	74.7	135 248 329	29 4267
11988	9.2	54 28.32	2.5515	0.0029	28 16 54.9	13.834	0.263	85.3	948 1219 1220 1312	28 3958*
11989	9.4	54 33.54	2.5484	0.0030	28 25 45.3	13.840	0.263	77.5	130 246 254 1315	28 3959
11990	8.8	54 39.26	2.5407	0.0031	28 47 38.7	13.846	0.262	78.0	245 249 328 1323	28 3960
11991	9.4	20 54 53.37	+2.5261	+0.0031	+29 28 44.0	+13.861	+0.260	77.9	5 obs. [6]	29 4268
11992	9.2	54 55.61	2.5674	0.0029	27 35 31.4	13.863	0.265	78.4	10 obs.	27 3939*
11993	9.0	55 2.70	2.6003	0.0026	26 2 54.8	13.871	0.268	74.5	40 252 256 330	25 4433
11994	9.5	55 7.61	2.5698	0.0028	27 29 49.2	13.876	0.265	90.7	1597	27 3940*
11995	9.1	55 9.63	2.5179	0.0032	29 52 19.9	13.878	0.259	84.7	947 1210 1211	29 4270*
11996	9.5	20 55 10.83	+2.5592	+0.0029	+27 59 49.8	+13.879	+0.264	73.7	137	— —
11997	9.0	55 11.29	2.5530	0.0030	28 16 59.5	13.880	0.263	75.0	129 130 249 499	28 3962
11998	8.5	55 11.50	2.5450	0.0030	28 39 6.0	13.880	0.262	75.3	246 254 259 417	28 3963
11999	8.8	55 14.57	2.5882	0.0027	26 38 37.7	13.883	0.267	75.0	7 obs.	26 4048
12000	9.0	55 17.85	2.5388	0.0031	28 56 44.8	13.887	0.261	78.5	245 259 328 1470	28 3964

[1] Z. 128 136 256 599(2) 607
[2] » 942 1115 1124 1225 1412
[3] Z. 329 408 423 790 851
[4] » 138 321 334 497 866
[5] Z. 34 414 788 789 862
[6] » 131 139 317 498 1482

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12001	8.5	20h 55m 18s.31	+2s.5316	+0s.0031	+29° 16' 19".2	+13".887	+0s.260	74.1	27 46 408	29° 4272
12002	9.5	55 27.01	2.6133	0.0025	25 27 25.8	13.896	0.269	74.1	5 obs.[1]	25 4434
12003	9.4	55 43.67	2.5688	0.0029	27 36 10.5	13.914	0.264	74.9	10 28 312 614	27 3941
12004	9.5	55 44.29	2.5692	0.0029	27 34 59.2	13.914	0.264	78.8	614	27 3942*
12005	8.4	55 49.96	2.5316	0.0032	29 19 24.6	13.920	0.259	75.0	131 139 324 423	29 4277
12006	9.5	20 55 54.81	+2.5554	+0.0030	+28 14 36.5	+13.925	+0.262	84.7	1114	— —
12007	9.5	55 56.19	2.6049	0.0026	25 54 42.3	13.927	0.267	83.7	1015	25 4436*
12008	9.4	55 57.61	2.5550	0.0030	28 16 14.6	13.928	0.262	83.1	867 948 1116	28 3966*
12009	9.1	55 58.53	2.6233	0.0025	25 1 22.5	13.929	0.269	80.6	9 obs.	24 4303*
12010	9.1	56 2.81	2.5613	0.0030	27 59 9.3	13.934	0.263	78.1	6 obs.[2]	27 3944
12011	8.3	20 56 4.54	+2.5983	+0.0026	+26 14 31.4	+13.936	+0.267	74.5	23 24 250 500	26 4050
12012	9.4	56 6.27	2.5610	0.0030	28 0 19.0	13.937	0.263	79.0	137 253 942 1131	27 3945*
12013	7.6	56 20.11	2.5699	0.0029	27 36 45.5	13.952	0.264	75.3	7 obs.[3]	27 3946
12014	9.4	56 21.31	2.5622	0.0030	27 58 25.0	13.953	0.263	75.2	253 315	27 3947*
12015	8.8	56 22.66	2.5882	0.0028	26 45 19.3	13.955	0.265	84.7	250 1314 1737	26 4051
12016	9.5	20 56 25.67	+2.5907	+0.0028	+26 38 18.8	+13.958	+0.265	72.7	33	— —
12017	7.8	56 26.13	2.5371	0.0032	29 8 24.0	13 958	0.259	75.5	5 obs.[4]	29 4282
12018	9.0	56 28.84	2.6053	0.0026	25 56 44.6	13.961	0.267	77.7	6 obs.[5]	25 4438
12019	9.3	56 29.18	2.5413	0.0031	28 57 15.0	13.961	0.260	85.4	245 1600 1601	— —
12020	8.9	56 31.18	2.5960	0.0027	26 23 47.9	13.963	0.266	79.1	255 326 1316	26 4052
12021	8.5	20 56 31.55	+2.5169	+0.0033	+30 3 22.6	+13.964	+0.257	77.8	46 139 1315	29 4283
12022	8.8	56 32.22	2.5909	0.0028	26 38 20.8	13.965	0.265	76.2	33 414 488 495	26 4053
12023	9.3	56 41.02	2.6263	0.0025	24 56 26.3	13.974	0.268	83.7	868 1115 1118	24 4305*
12024	9.0	56 42.09	2.5852	0.0029	26 55 39.3	13.975	0.264	78.9	7 obs.	26 4054
12025	9.0	56 44.92	2.6172	0.0026	25 23 48.9	13.978	0.267	74.0	34 136 138 330	25 4440
12026	9.5	20 56 51.84	+2.6170	+0.0026	+25 24 46.1	+13.985	+0.267	72.7	30	25 4441*
12027	9.5	56 54.67	2.5142	0.0033	30 13 6.0	13.988	0.257	86.1	1219 1220 1323	30 4290*
12028	8.8	56 59.43	2.5683	0.0030	27 45 11.5	13.993	0.262	77.0	35 37 257 1412	27 3951
12029	7.7	56 59.59	2.5186	0.0033	30 1 47.1	13.993	0.257	76.0	7 obs.	29 4284
12030	9.4	56 59.98	2.5667	0.0030	27 49 41.8	13.994	0.262	89.5	1228 1312 1733 1736	27 3950
12031	7.5	20 57 2.69	+2.5778	+0.0029	+27 18 55.2	+13.997	+0.263	77.8	7 obs.	27 3952
12032	8.0	57 8.08	2.6123	0.0026	25 39 54.6	14.002	0.266	78.2	128 252 321 1478	25 4442
12033	9.5	57 9.26	2.6008	0.0027	26 13 30.0	14.003	0.265	72.7	24	26 4056*
12034	9.2	57 12.30	2.5418	0.0032	29 0 9.8	14.006	0.259	83.5	864 948 1121 1122	28 3967*
12035	7.1	57 15.39	2.6054	0.0027	26 0 57.5	14.010	0.266	75.1	40 256 497	25 4443
12036	9.4	20 57 15.60	+2.5298	+0.0033	+29 33 20.2	+14.010	+0.258	80.7	786	— —
12037	8.0	57 19.86	2.5158	0.0034	30 11 36.4	14.014	0.256	83.8	872 1119 1124	30 4293
12038	9.2	57 20.67	2.6007	0.0027	26 14 54.1	14.015	0.265	76.7	326 495	26 4059
12039	9.0	57 21.42	2.5979	0.0028	26 23 17.4	14.016	0.265	76.5	250 255 500 609	26 4060
12040	9.4	57 24.41	2.5438	0.0032	28 55 55.2	14.019	0.259	75.7	130 499	28 3969
12041	7.7	20 57 29.40	+2.5678	+0.0030	+27 49 48.5	+14.024	+0.262	74.7	5 obs.[6]	27 3953
12042	8.1	57 36.38	2.5538	0.0032	28 29 31.7	14.032	0.260	75.3	246 249 254 417	28 3970
12043	8.5	57 42.10	2.5323	0.0033	29 29 10.8	14.038	0.257	75.7	131 329 493	29 4286
12044	8.0	57 42.10	2.6183	0.0026	25 25 35.8	14.038	0.266	80.5	8 obs.	25 4444
12045	8.9	57 42.40	2.5302	0.0033	29 34 50.6	14.038	0.257	78.5	27 324 408 1470	29 4285
12046	8.6	20 57 44.73	+2.6262	+0.0025	+25 2 41.8	+14.040	+0.267	79.8	14 obs.	24 4307
12047	9.1	57 46.91	2.5315	0.0033	29 32 1.9	14.043	0.257	80.7	786	— —
12048	9.3	57 50.36	2.5434	0.0032	28 59 40.5	14.046	0.258	82.2	129 1603	28 3971*
12049	8.8	57 55.49	2.5587	0.0031	28 17 48.7	14.051	0.260	79.4	246 249 1482	28 3972
12050	7.0	57 56.15	2.5897	0.0029	26 50 19.0	14.052	0.263	77.6	6 obs.[7]	26 4062

[1] Z. 30 34 128 138 497
[2] » 127 137 253 315 1129 1217
[3] » 25 35 37 257 412 611(2)
[4] Z. 27 135 403 408 504
[5] » 40 128 138 321 1015 1317
[6] Z. 28 127 137 257 614
[7] » 23 313 320 488 505 1225

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12051	9.4	20h 57m 56s.95	+2s.5531	+0s.0032	+28° 33' 43".1	+14".053	+0".259	84.7	868 1210 1211 1216	28° 3973*
12052	9.3	57 57.33	2.6272	0.0025	25 0 49.0	14.053	0.267	84.8	947 1214 1215	24 4308*
12053	9.5	57 58.32	2.5782	0.0030	27 23 10.5	14.054	0.262	90.7	1595 1596	— —
12054	9.5	57 59.51	2.5280	0.0033	29 42 56.6	14.056	0.257	84.5	131 504 1743 1863	29 4288
12055	9.5	58 1.51	2.5539	0.0032	28 31 46.1	14.058	0.259	82.8	942	— —
12056	9.5	20 58 3.28	+2.6211	+0.0026	+25 19 25.9	+14.060	+0.266	73.7	34 252	25 4445
12057	9.5	58 5.84	2.5256	0.0034	29 50 5.1	14.062	0.256	79.1	329 789 792	29 4290
12058	9.1	58 8.58	2.6269	0.0025	25 3 1.2	14.065	0.267	83.0	5 obs.[1]	24 4310*
12059	7.0	58 10.19	2.5527	0.0032	28 35 56.3	14.067	0.259	75.8	245 417	28 3974
12060	8.7	58 12.63	2.5223	0.0034	29 59 44.4	14.069	0.256	77.8	248 793	29 4292
12061	9.4	20 58 14.57	+2.5348	+0.0033	+29 25 56.5	+14.071	+0.257	78.6	5 obs.[2]	29 4291
12062	8.5	58 15.93	2.6009	0.0028	26 19 46.6	14.073	0.264	78.0	23 320 326 1411	26 4064
12063	9.2	58 18.02	2.5379	0.0033	29 17 40.7	14.075	0.257	86.8	1217 1417	29 4293*
12064	8.5	58 18.10	2.6207	0.0026	25 22 5.2	14.075	0.266	74.7	128 252 330	25 4448
12065	9.5	58 22.50	2.5778	0.0030	27 26 39.2	14.080	0.262	73.7	137	— —
12066	9.5	20 58 25.83	+2.6227	+0.0026	+25 17 5.0	+14.083	+0.266	76.7	138 692	— —
12067	9.5	58 26.56	2.5198	0.0034	30 7 53.1	14.084	0.255	85.8	872 1313 1483	30 4301*
12068	9.4	58 29.06	2.5230	0.0034	29 59 38.1	14.086	0.256	86.8	1314 1315	29 4294*
12069	8.2	58 38.01	2.6113	0.0027	25 51 40.1	14.096	0.265	75.2	30 136 414 497	25 4450
12070	9.4	58 40.42	2.5628	0.0031	28 11 0.3	14.098	0.260	73.7	129	28 3976*
12071	9.4	20 58 43.80	+2.5397	+0.0033	+29 15 38.4	+14.102	+0.257	84.3	866 867 1312 1316	29 4295*
12072	9.4	58 45.65	2.6234	0.0026	25 16 39.7	14.104	0.266	78.3	6 obs.[3]	25 4451
12073	9.0	58 46.91	2.5339	0.0033	29 32 0.8	14.105	0.256	81.0	46 851 862 1415	29 4296
12074	9.0	58 47.84	2.6197	0.0026	25 27 49.2	14.106	0.265	78.7	5 obs.[4]	25 4452
12075	9.3	58 51.70	2.5340	0.0033	29 32 13.2	14.110	0.256	84.9	5 obs.[5]	29 4297*
12076	9.0	20 58 54.28	+2.5876	+0.0029	+27 2 0.5	+14.112	+0.262	88.8	1479	— —
12077	9.2	58 57.40	2.5686	0.0031	27 56 27.3	14.115	0.260	82.4	253 1228 1298	27 3958*
12078	9.1	59 6.57	2.5874	0.0029	27 3 51.2	14.125	0.262	81.8	868 871	26 4065*
12079	9.4	59 6.82	2.6238	0.0026	25 17 39.6	14.125	0.265	75.0	128 256 330 334	25 4456
12080	9.3	59 10.56	2.5521	0.0032	28 44 2.9	14.129	0.258	85.8	1222 1227	28 3978*
12081	9.4	20 59 12.18	+2.5561	+0.0032	+28 32 54.7	+14.131	+0.259	82.8	943	28 3979*
12082	8.9	59 12.39	2.5718	0.0031	27 48 36.4	14.131	0.260	75.1	7 obs.	27 3959
12083	9.3	59 12.68	2.5797	0.0030	27 26 21.5	14.132	0.261	80.5	5 obs.[6]	27 3960*
12084	9.1	59 16.78	2.5758	0.0031	27 38 5.9	14.136	0.260	84.7	1114 1115 1116	27 3961*
12085	9.2	59 19.69	2.5562	0.0032	28 33 26.5	14.139	0.259	89.3	1412 1599	28 3980*
12086	9.5	20 59 21.66	+2.6161	+0.0027	+25 41 42.3	+14.141	+0.264	72.7	34	— —
12087	9.4	59 31.81	2.5752	0.0031	27 41 18.5	14.151	0.260	86.0	872 948 1478 1601	27 3962*
12088	9.1	59 35.34	2.5356	0.0034	29 32 17.6	14.155	0.256	93.7	1850	29 4300*
12089	9.5	59 35.95	2.5696	0.0032	27 57 36.2	14.156	0.259	76.8	253 609	— —
12090	9.0	59 38.71	2.5679	0.0032	28 2 29.8	14.158	0.259	92.7	1733 1734	27 3963
12091	8.0	20 59 45.21	+2.6054	+0.0028	+26 15 29.9	+14.165	+0.263	75.7	5 obs.[7]	26 4066
12092	9.0	59 47.19	2.6076	0.0028	26 9 23.1	14.167	0.263	76.1	5 obs.[8]	26 4067
12093	9.5	59 47.42	2.5413	0.0034	29 17 45.3	14.167	0.256	74.4	46 131 403	29 4301
12094	8.9	59 50.80	2.6325	0.0026	24 55 52.0	14.171	0.265	77.7	5 obs.[9]	24 4320
12095	9.0	59 53.70	2.5666	0.0032	28 8 0.7	14.174	0.259	76.6	130 249 417 611 (2)	28 3982
12096	9.5	20 59 54.43	+2.6004	+0.0029	+26 30 57.1	+14.175	+0.262	82.8	942	26 4069*
12097	9.4	59 54.91	2.6045	0.0029	26 18 42.4	14.175	0.262	72.7	23	26 4068*
12098	9.5	59 57.00	2.6165	0.0027	25 44 10.3	14.177	0.264	80.0	30 599 948 1225	25 4458
12099	8.5	59 59.44	2.5952	0.0030	26 46 40.4	14.180	0.261	76.1	255 326 495	26 4070
12100	9.3	21 0 2.96	2.5822	0.0031	27 24 17.9	14.184	0.260	77.6	477	— —

[1] Z. 787 864 948 1129 1130
[2] » 139 403 792 793 794
[3] » 40 599 607 683 692 701
[4] Z. 321 615 683 684 686
[5] » 786 851 1219 1220 1602
[6] » 137 477 498 1317 1323
[7] Z. 24 33 495 505 509
[8] » 250 313 320 414 488
[9] » 136 138 321 943 947

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12101	9.5	21h 0m 2.99	+2.5700	+0.0032	+27° 59' 8.7	+14.184	+0.259	72.6	10	— —
12102	9.4	0 8.49	2.6156	0.0028	25 47 53.3	14.189	0.263	77.8	6 obs.[1]	25° 4459
12103	8.0	0 10.05	2.5573	0.0033	28 35 53.0	14.191	0.258	74.2	129 130 246 254	28 3984
12104	9.2	0 10.31	2.6190	0.0027	25 37 51.3	14.191	0.264	84.8	1129 1130 1131	25 4460*
12105	9.5	0 12.28	2.6175	0.0028	25 42 39.6	14.193	0.263	83.1	252 1217 1483	25 4461
12106	8.1	21 0 15.49	+2.5647	+0.0032	+28 15 22.5	+14.196	+0.258	75.4	5 obs.[2]	28 3985
12107	9.2	0 16.04	2.5327	0.0035	29 44 35.2	14.197	0.254	84.1	792 1210 1211	29 4303*
12108	8.9	0 18.20	2.5447	0.0034	29 11 45.5	14.199	0.256	74.7	139 248 324	29 4304
12109	9.5	0 18.75	2.5470	0.0033	29 5 15.4	14.200	0.257	86.8	1314	29 4305*
12110	9.4	0 21.37	2.5275	0.0035	29 59 26.9	14.202	0.254	86.7	1313	29 4306*
12111	9.4	21 0 26.63	+2.5597	+0.0033	+28 30 47.0	+14.208	+0.258	80.8	793	— —
12112	8.5	0 29.54	2.5212	0.0036	30 17 37.4	14.211	0.253	93.7	1847 1848	30 4314
12113	9.4	0 30.96	2.5488	0.0034	29 1 40.6	14.212	0.256	78.5	246 259 866 947	28 3986
12114	8.5	0 32.09	2.5339	0.0035	29 43 7.2	14.214	0.254	78.3	7 obs.	29 4307
12115	9.3	0 41.58	2.5812	0.0031	27 31 18.5	14.223	0.259	88.8	1315 1603	27 3968*
12116	9.0	21 0 44.21	+2.5290	+0.0036	+29 57 42.7	+14.226	+0.253	78.9	5 obs.[3]	29 4308
12117	9.4	0 44.45	2.5262	0.0036	30 5 37.1	14.226	0.253	88.8	1316 1596	30 4315
12118	9.2	0 46.26	2.6285	0.0027	25 13 12.5	14.228	0.264	86.2	1216 1312	25 4462*
12119	9.4	0 49.31	2.5412	0.0035	29 24 36.7	14.231	0.255	85.8	1219 1220	29 4309*
12120	8.8	0 56.96	2.5735	0.0032	27 54 47.0	14.239	0.258	75.2	35 257 315 476	27 3970
12121	6.3	21 0 57.35	+2.6044	+0.0029	+26 25 29.3	+14.240	+0.261	75.0	7 obs.	26 4073
12122	8.4	1 0.60	2.6300	0.0027	25 10 6.3	14.243	0.264	74.1	5 obs.[4]	25 4463
12123	9.3	1 1.55	2.5437	0.0035	29 18 56.3	14.244	0.255	82.8	942	29 4312*
12124	9.2	1 2.26	2.6312	0.0027	25 6 28.1	14.245	0.264	90.7	1595 1597	25 4464*
12125	9.4	1 3.34	2.6048	0.0029	26 25 7.5	14.246	0.261	77.8	505	26 4074*
12126	9.2	21 1 3.91	+2.6310	+0.0027	+25 7 26.9	+14.246	+0.264	86.8	1323 1480	— —
12127	9.5[5]	1 6.53	2.5497	0.0034	29 2 58.8	14.249	0.256	74.7	245	— —
12128	8.8	1 6.87	2.5341	0.0036	29 46 16.3	14.249	0.253	77.3	46 493 504 792	29 4313
12129	9.1	1 12.73	2.5728	0.0032	27 58 19.6	14.255	0.258	83.5	614 1222 1227	27 3972*
12130	8.1	1 16.37	2.6126	0.0029	26 3 26.3	14.259	0.262	74.3	6 obs.[6]	25 4465
12131	9.3	21 1 18.20	+2.5951	+0.0030	+26 54 55.8	+14.261	+0.260	86.8	943 1603	26 4075*
12132	9.0	1 19.96	2.5408	0.0035	29 29 4.2	14.263	0.254	79.5	10 obs.	29 4314
12133	9.2	1 26.40	2.5894	0.0031	27 12 13.6	14.269	0.259	81.8	866 872	27 3974*
12134	9.0	1 28.97	2.5272	0.0036	30 7 40.2	14.272	0.252	75.7	324	— —
12135	8.7	1 33.50	2.5313	0.0036	29 56 47.8	14.277	0.253	92.7	1743 1744	29 4315
12136	9.0	21 1 35.32	+2.5522	+0.0034	+28 58 58.3	+14.278	+0.255	74.5	129 130 249 323	28 3988
12137	9.3	1 35.77	2.5536	0.0034	28 55 10.1	14.279	0.255	85.8	611 1412 1602	28 3987*
12138	9.5	1 37.25	2.5750	0.0032	27 54 51.1	14.280	0.258	73.7	137	— —
12139	9.3	1 40.12	2.5606	0.0034	28 35 46.7	14.283	0.256	75.2	245 246 254 404	28 3989
12140	9.5	1 40.69	2.6139	0.0029	26 1 52.4	14.284	0.261	81.8	871	— —
12141	9.3	21 1 40.72	+2.5449	+0.0035	+29 20 3.4	+14.284	+0.254	77.5	131 329 688 788	29 4316*
12142	9.4	1 42.03	2.5621	0.0033	28 31 56.4	14.285	0.256	80.8	793	— —
12143	9.4	1 43.49	2.6111	0.0029	26 10 29.4	14.287	0.261	82.8	948	26 4077*
12144	9.1	1 47.31	2.5766	0.0032	27 51 20.6	14.291	0.258	81.3	5 obs.[7]	27 3976*
12145	9.2	1 48.79	2.5732	0.0033	28 1 0.6	14.292	0.257	84.0	873 1117 1118 1133	27 3977*
12146	9.2	21 1 50.79	+2.5762	+0.0032	+27 52 45.1	+14.294	+0.257	76.6	7 obs.	27 3978
12147	7.0	1 51.98	2.5288	0.0036	30 5 38.6	14.295	0.252	79.8	12 obs.	30 4322
12148	9.3	2 3.21	2.5412	0.0035	29 32 51.3	14.307	0.254	88.2	1217 1598	29 4318*
12149	9.5	2 6.20	2.5825	0.0032	27 36 10.3	14.310	0.258	88.8	1482	27 3979*
12150	9.3	2 6.64	2.5411	0.0035	29 33 28.4	14.310	0.254	86.3	1225 1313	29 4319*

[1] Z. 40 256 607 684 695 788
[2] » 245 249 259 323 417
[3] » 27 139 403 1214 1215
[4] Z. 34 128 138 252 321
[5] Double; preceding
[6] Z. 30 40 136 256 330 334
[7] » 257 315 413 1483 1589

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12151	9.2	21h 2m 8.74	+2.5732	+0.0033	+28° 3' 19.6	+14.313	+0.257	89.2	1317 1637	27° 3981*
12152	9.5	2 9.65	2.5818	0.0032	27 38 38.3	14.314	0.258	84.8	1129	27 3980*
12153	9.0	2 10.95	2.5569	0.0034	28 49 43.6	14.315	0.255	78.6	6 obs.[1]	28 3992
12154	8.9	2 11.64	2.5282	0.0036	30 9 40.0	14.316	0.252	82.0	139 1119 1124 1135	30 4327
12155	9.1	2 11.73	2.5536	0.0035	28 58 59.5	14.316	0.255	84.7	417 1210 1638	28 3993*
12156	9.1	21 2 12.68	+2.6138	+0.0029	+26 5 27.8	+14.317	+0.261	84.7	1114 1115	25 4467*
12157	8.8	2 12.88	2.5921	0.0031	27 9 0.2	14.317	0.258	74.2	10 35 38 614	27 3982
12158	8.9	2 23.74	2.5350	0.0036	29 52 9.5	14.328	0.252	74.7	27 46 403 423	29 4320
12159	9.1	2 24.83	2.5285	0.0037	30 10 26.1	14.329	0.251	81.4	317 861 1314	30 4330*
12160	9.2	2 25.84	2.5582	0.0034	28 47 43.3	14.330	0.255	86.7	1312	28 3994*
12161	9.1	21 2 28.77	+2.5483	+0.0035	+29 15 40.6	+14.333	+0.254	77.1	329 493 504	29 4321
12162	9.2	2 32.56	2.5728	0.0033	28 6 47.9	14.337	0.256	83.8	873 1121 1122	28 3995*
12163	9.1	2 35.58	2.6214	0.0028	25 45 5.7	14.340	0.261	77.3	5 obs.[2]	25 4469*
12164	8.9	2 37.77	2.5389	0.0036	29 42 54.1	14.342	0.253	79.5	7 obs.	29 4322
12165	9.5	2 44.38	2.5787	0.0033	27 51 7.8	14.349	0.257	82.7	414 1478	27 3983*
12166	8.4	21 2 49.68	+2.5734	+0.0033	+28 7 3.7	+14.354	+0.256	75.9	5 obs.[3]	28 3996
12167	9.1	2 54.69	2.6214	0.0029	25 47 0.6	14.359	0.261	75.0	5 obs.[4]	25 4471
12168	9.2	3 0.47	2.5612	0.0034	28 42 51.7	14.365	0.255	83.8	947 1219 1220	28 3997*
12169	9.3	3 5.98	2.5629	0.0034	28 38 40.9	14.371	0.255	84.7	943 1214 1215	28 3999*
12170	9.3	3 11.85	2.5637	0.0034	28 37 4.0	14.377	0.255	82.8	5 obs.[5]	28 4000*
12171	9.0	21 3 12.62	+2.6015	+0.0031	+26 47 41.6	+14.378	+0.258	74.7	5 obs.[6]	26 4079
12172	9.3	3 14.92	2.5704	0.0034	28 18 11.8	14.380	0.255	87.8	1316 1480	28 4001*
12173	9.4	3 16.63	2.6079	0.0030	26 29 19.6	14.382	0.259	81.1	7 obs.	26 4082
12174	6.1[7]	3 20.74	2.5409	0.0037	29 42 4.5	14.386	0.252	79.4	10 obs.	29 4324
12175	9.4	3 22.04	2.5461	0.0036	29 27 35.2	14.387	0.253	87.3	1323 1412	29 4325*
12176	8.5	21 3 24.48	+2.5515	+0.0036	+29 12 56.6	+14.390	+0.253	74.3	46 139 403	29 4326
12177	9.3	3 29.25	2.6130	0.0030	26 15 42.7	14.395	0.259	90.8	1601	26 4085*
12178	9.1	3 32.30	2.6156	0.0030	26 8 9.7	14.398	0.259	77.2	414 488	26 4086
12179	9.0	3 36.22	2.6378	0.0028	25 1 53.3	14.402	0.261	75.3	7 obs.	24 4333
12180	7.7	3 36.72	2.6087	0.0031	26 28 54.6	14.402	0.258	76.1	5 obs.[8]	26 4087
12181	9.3	21 3 42.59	+2.5920	+0.0032	+27 18 36.1	+14.408	+0.257	89.3	1418 1603	27 3984*
12182	9.1	3 42.89	2.6129	0.0030	26 17 15.6	14.408	0.259	82.3	505 615 1134 1414	26 4088
12183	9.4	3 45.45	2.5646	0.0035	28 38 5.8	14.411	0.254	74.7	130 259 323	28 4002
12184	8.9	3 46.54	2.5600	0.0036	28 51 28.5	14.412	0.254	75.4	246 254 323	28 4003
12185	8.1	3 52.03	2.5386	0.0037	29 52 11.7	14.418	0.251	74.5	27 131 317 329	29 4329
12186	9.2	21 3 53.13	+2.5621	+0.0035	+28 46 11.6	+14.419	+0.254	82.8	945	28 4004*
12187	8.9	4 1.44	2.5368	0.0037	29 58 3.0	14.427	0.251	73.7	131 248 324	29 4330
12188	9.0	4 5.51	2.5822	0.0034	27 49 48.5	14.431	0.255	74.3	7 obs.	27 3986
12189	8.5	4 6.21	2.5683	0.0035	28 29 45.5	14.432	0.254	76.8	249 259 499 683	28 4005
12190	9.5	4 6.82	2.5497	0.0036	29 22 45.4	14.433	0.252	86.3	1225 1317	29 4331*
12191	9.4	21 4 7.66	+2.6093	+0.0031	+26 30 21.4	+14.434	+0.258	84.2	943 1226	26 4089*
12192	9.0	4 7.89	2.6190	0.0030	26 1 31.9	14.434	0.259	74.5	136 138 252 334	25 4473
12193	9.5	4 21.17	2.5724	0.0035	28 19 43.7	14.447	0.254	86.7	1313	28 4006*
12194	9.5	4 21.70	2.5468	0.0037	29 32 26.3	14.448	0.252	87.8	868 1859	— —
12195	9.5	4 25.78	2.6023	0.0032	26 52 56.5	14.452	0.257	86.8	1314	26 4090*
12196	8.6	21 4 30.04	+2.6246	+0.0030	+25 47 12.3	+14.456	+0.259	76.0	30 128 256 942	25 4475
12197	9.1	4 30.23	2.5970	0.0032	27 9 2.6	14.456	0.256	87.8	1312 1482	27 3987*
12198	9.3	4 30.55	2.6299	0.0029	25 31 21.0	14.457	0.259	85.7	1210 1211	25 4474*
12199	8.0	4 32.21	2.6183	0.0030	26 6 23.4	14.458	0.258	75.2	24 33 488 495	26 4091
12200	9.0	4 37.64	2.5697	0.0035	28 29 12.0	14.464	0.253	77.0	259 404 417 686	28 4008

[1] Z. 249 259 499 787 790 947
[2] » 30 34 128 868 1216
[3] » 129 130 254 404 786
[4] Z. 40 128 256 334 497
[5] » 129 948 1222 1227 1228
[6] » 23 24 33 495 505
[7] Double; middle
[8] Z. 250 313 320 326 609

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12201	9.5	21h 4m 37.92	+2.5842	+0.0034	+27° 47' 27.2	+14.464	+0.255	81.8	871	27° 3988*
12202	9.5	4 38.40	2.5369	0.0038	30 2 9.2	14.465	0.250	79.8	701	29 4333*
12203	8.9	4 44.95	2.5604	0.0036	28 56 31.5	14.471	0.252	75.8	130 254 611	28 4009
12204	9.0	4 46.75	2.5703	0.0035	28 28 31.1	14.473	0.253	78.7	11 obs.	28 4010
12205	7.9	4 50.40	2.6051	0.0032	26 47 29.9	14.477	0.257	75.7	6 obs. [1]	26 4092
12206	9.4	21 4 53.11	+2.5949	+0.0033	+27 17 39.4	+14.480	+0.256	85.7	1215	27 3990*
12207	9.3	4 56.46	2.6256	0.0030	25 46 56.6	14.483	0.259	74.1	40 136 330	25 4476
12208	9.4	4 56.68	2.5639	0.0036	28 47 46.7	14.483	0.252	88.3	1417 1478	28 4011*
12209	9.4	4 59.41	2.5964	0.0032	27 14 7.4	14.486	0.256	85.7	1214	— —
12210	9.4	5 6.21	2.5816	0.0034	27 57 58.8	14.493	0.254	82.8	948	27 3991*
12211	9.3	21 5 9.07	+2.5903	+0.0033	+27 33 3.3	+14.496	+0.255	87.4	1219 1220 1600	27 3992*
12212	9.2	5 11.71	2.6143	0.0031	26 22 27.4	14.498	0.257	80.7	23 609 1597	26 4094
12213	9.2	5 12.18	2.5900	0.0033	27 34 12.7	14.499	0.255	86.1	947 1124 1602	27 3993
12214	9.4	5 14.72	2.5511	0.0037	29 26 16.0	14.501	0.251	74.1	46 139 317	29 4335
12215	9.3	5 15.29	2.5796	0.0034	28 4 55.5	14.502	0.254	87.5	1228 1417 1480	28 4012*
12216	8.8	21 5 18.83	+2.5568	+0.0037	+29 10 40.9	+14.505	+0.251	76.4	248 403 498	29 4337
12217	9.3	5 20.43	2.6127	0.0031	26 28 2.0	14.507	0.257	87.3	1323 1415	26 4095*
12218	9.1	5 24.49	2.5457	0.0038	29 42 41.0	14.511	0.250	82.8	787 792 871 1419	29 4338*
12219	8.8	5 30.38	2.6282	0.0030	25 42 29.8	14.517	0.258	75.8	320 334	25 4477
12220	9.2	5 30.92	2.6084	0.0032	26 41 40.0	14.518	0.256	89.3	1414 1598	26 4096*
12221	8.7	21 5 35.43	+2.5386	+0.0038	+30 3 40.3	+14.522	+0.249	80.1	684 701 789	29 4340
12222	8.7	5 35.58	2.5856	0.0034	27 49 19.1	14.522	0.254	73.5	5 obs. [2]	27 3994
12223	8.9	5 35.71	2.5538	0.0037	29 20 51.1	14.522	0.251	79.5	7 obs.	29 4339
12224	8.8	5 36.40	2.5840	0.0034	27 54 14.9	14.523	0.254	77.8	253 413 868	27 3995
12225	8.8	5 43.76	2.5630	0.0037	28 55 41.0	14.531	0.251	77.7	404 499 611	28 4016
12226	7.5	21 6 0.53	+2.6024	+0.0033	+27 2 35.6	+14.547	+0.255	83.7	1012 1013	26 4097
12227	9.3	6 2.69	2.5612	0.0037	29 2 54.8	14.550	0.251	86.2	1216 1313	28 4017*
12228	8.5	6 4.74	2.6271	0.0031	25 49 22.8	14.552	0.257	78.8	128 615 692 943	25 4478
12229	9.5	6 14.96	2.6267	0.0031	25 51 43.3	14.562	0.257	93.8	1860 1863	— —
12230	9.5	6 20.03	2.5691	0.0036	28 42 9.3	14.567	0.251	78.1	323 608 701	28 4018
12231	8.9	21 6 20.93	+2.5730	+0.0036	+28 31 10.7	+14.568	+0.252	82.2	611 937 1013 1018	28 4019
12232	9.4	6 22.43	2.6267	0.0031	25 52 19.9	14.569	0.257	82.8	862 1028	25 4479
12233	9.5	6 23.79	2.6252	0.0031	25 57 10.8	14.571	0.257	93.8	1864	— —
12234	8.7	6 24.79	2.6462	0.0029	24 53 5.8	14.572	0.259	93.7	1848 1849	*24 4347*
12235	9.5	6 25.26	2.5374	0.0039	30 12 29.7	14.572	0.248	93.7	1847 1850	30 4347
12236	9.4	21 6 25.44	+2.6245	+0.0031	+25 59 21.1	+14.572	+0.257	81.8	701 1031	25 4480
12237	6.8	6 28.35	2.5590	0.0037	29 12 1.2	14.575	0.250	81.4	692 788 1031	29 4342
12238	8.7	6 30.17	2.6286	0.0031	25 47 18.0	14.577	0.257	82.4	6 obs. [3]	25 4481
12239	9.2	6 34.77	2.6271	0.0031	25 52 31.5	14.582	0.257	81.3	5 obs. [4]	25 4482
12240	9.0	6 36.50	2.5533	0.0038	29 29 16.3	14.583	0.249	86.0	794 1121 1411 1638	29 4343
12241	9.4	21 6 38.35	+2.5993	+0.0034	+27 16 3.5	+14.585	+0.254	82.8	948	27 4000*
12242	7.0	6 38.49	2.5402	0.0039	30 6 23.2	14.585	0.248	84.5	683 789 1217 1637	30 4351
12243	8.1	6 50.69	2.6052	0.0033	26 59 59.4	14.598	0.254	77.7	488 505	26 4100
12244	8.0	7 0.93	2.6295	0.0031	25 47 58.8	14.608	0.256	82.7	789 1014 1022	25 4484
12245	9.5	7 2.84	2.6467	0.0029	24 55 23.6	14.610	0.258	85.8	1227	24 4350*
12246	8.9	21 7 6.33	+2.5782	+0.0036	+28 20 52.6	+14.613	+0.251	81.0	323 784 1016 1025	28 4021
12247	8.0	7 6.33	2.5763	0.0036	28 26 27.6	14.613	0.251	82.6	5 obs. [5]	28 4023
12248	8.4	7 7.17	2.5889	0.0035	27 49 53.8	14.614	0.252	83.7	1008 1018 1024	27 4003
12249	8.9	7 16.52	2.5440	0.0039	29 59 59.4	14.623	0.248	81.7	692(2) 1010 1019	29 4344
12250	9.5	7 23.69	2.6470	0.0029	24 56 27.7	14.631	0.258	83.7	1011 1031	24 4352

[1] Z. 23 33 326 414 505 609
[2] » 25 35 38 137 315
[3] Z. 684 794 942 1014 1019 1021
[4] » 128 937 943 1015 1025
[5] Z. 608 611 1022 1219 1220

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12251	8.2	21h 7m 29.50	+2.5432	+0.0039	+30° 3' 57.6	+14.636	+0.247	83.7	1016 1020	29° 4347
12252	8.1	7 34.33	2.5853	0.0036	28 3 19.2	14.641	0.251	83.7	1008 1013 1023	27 4006
12253	8.1	7 34.85	2.5938	0.0035	27 38 32.1	14.642	0.252	87.3	868 1742	27 4007
12254	**3.0**	**7 37.01**	**2.5509**	**0.0039**	**29 42 54.2**	**14.644**	**0.248**		**Fund. Cat.**	**29 4348**
12255	9.3	7 41.60	2.6211	0.0032	26 17 32.9	14.648	0.255	79.4	488 609 871	26 4101
12256	9.3	21 7 43.29	+2.6218	+0.0032	+26 15 35.3	+14.650	+0.255	77.7	488	26 4102*
12257	9.5	7 48 87	2.6175	0.0033	26 29 10.0	14.656	0.254	82.8	947	— —
12258	7.9	7 49.30	2.5559	0.0039	29 30 19.9	14.656	0.248	87.1	788 1419 1743	29 4349
12259	8.8	7 49.43	2.5845	0.0036	28 7 30.1	14.656	0.251	83.7	1011 1018 1024	28 4024
12260	8.8	7 53.14	2.6309	0.0031	25 48 56.4	14.660	0.255	80.4	701 789 794	25 4485
12261	9.2	21 7 56.25	+2.6413	+0.0031	+25 17 12.1	+14.663	+0.256	86.8	948 1602	25 4486*
12262	9.0	7 57.40	2.5635	0.0038	29 9 18.7	14.664	0.249	95.1	1851 1981 1982	29 4350
12263	9.1	8 0.78	2.5856	0.0036	28 5 19.6	14.668	0.251	81.1	608 862 943	28 4026
12264	9.3	8 3.17	2.6369	0.0031	25 31 28.7	14.670	0.256	86.7	1313	25 4487*
12265	8.2	8 5.64	2.6446	0.0030	25 7 58.8	14.672	0.257	83.4	942 1010 1023	25 4488
12266	8.5	21 8 24.60	+2.5720	+0.0038	+28 47 40.8	+14.691	+0.249	80.8	611 692 1020	28 4027
12267	8.9	8 29.83	2.6160	0.0033	26 38 2.2	14.696	0.253	82.5	505 609 1217 1418	26 4107
12268	9.3	8 34.88	2.5965	0.0035	27 37 7.8	14.701	0.251	81.8	868	27 4009*
12269	9.3	8 36.18	2.5956	0.0035	27 40 1.9	14.703	0.251	87.8	1414	27 4010*
12270	9.5	8 42.01	2.5871	0.0036	28 5 43.5	14.708	0.250	83.7	1025	28 4028*
12271	7.5	21 8 42.06	+2.6340	+0.0031	+25 44 39.3	+14.708	+0.255	78.5	5 obs.[1]	25 4490
12272	7.0	8 49.79	2.5608	0.0039	29 23 4.3	14.716	0.247	77.1	139 423 794	29 4354
12273	9.4	8 52.35	2.5596	0.0039	29 26 46.9	14.719	0.247	80.2	46 786 1012 1014	29 4355
12274	8.7	9 0.43	2.5678	0.0038	29 4 4.1	14.727	0.248	76.6	5 obs.[2]	28 4030
12275	8.3	9 2.01	2.5458	0.0040	30 7 26.1	14.728	0.246	85.1	684 872 1845	30 4366
12276	9.0	21 9 3.43	+2.5782	+0.0037	+28 34 10.1	+14.730	+0.249	86.2	620 1846	28 4031
12277	9.0	9 3.48	2.5783	0.0037	28 33 51.9	14.730	0.249	84.2	245 1847	
12278	8.5	9 4.35	2.5569	0.0039	29 36 0.3	14.731	0.247	76.4	248 403 504	29 4356
12279	9.1	9 6.79	2.5923	0.0036	27 53 1.4	14.733	0.250	85.8	1219 1220	27 4012*
12280	9.3	9 7.44	2.6199	0.0033	26 30 30.3	14.734	0.253	78.0	326 414 500 869	26 4110
12281	8.4	21 9 9.06	+2.5974	+0.0035	+27 38 14.0	+14.735	+0.251	79.0	10 obs.	27 4014
12282	9.3	9 9.23	2.6083	0.0034	27 5 30.7	14.735	0.252	83.3	871 1124	27 4013*
12283	9.3	9 15.78	2.6057	0.0035	27 14 11.2	14.742	0.251	90.8	1411 1859	27 4015*
12284	9.0	9 36.44	2.6031	0.0035	27 24 23.2	14.762	0.251	87.8	1415	27 4017*
12285	9.1	9 40.81	2.6425	0.0031	25 24 35.6	14.767	0.255	83.5	873 948 1216	25 4492*
12286	9.0	21 9 43.30	+2.5990	+0.0036	+27 37 13.2	+14.769	+0.250	76.7	137 684	27 4018*
12287	9.3	9 45.89	2.5953	0.0036	27 48 47.2	14.772	0.250	85.7	1217	27 4019*
12288	9.3	9 48.98	2.6045	0.0035	27 21 40.0	14.775	0.250	86.7	1313	27 4020*
12289	9.3	9 50.42	2.5638	0.0039	29 21 28.7	14.776	0.246	83.8	945 1135	29 4359*
12290	8.7	9 51.70	2.6446	0.0031	25 19 32.6	14.777	0.255	73.1	30 40 128	25 4493
12291	8.5	21 9 51.82	+2.5718	+0.0039	+28 58 28.9	+14.777	+0.247	75.7	7 obs.	28 4032
12292	9.0	9 56.50	2.5993	0.0036	27 37 40.1	14.782	0.250	77.3	6 obs.[3]	27 4021
12293	9.4	9 58.49	2.6105	0.0035	27 4 31.6	14.784	0.251	81.8	867	26 4113*
12294	9.4	9 59.25	2.6176	0.0034	26 42 58.9	14.785	0.252	82.8	947	— —
12295	9.4	10 4.97	2.5941	0.0037	27 54 16.3	14.790	0.249	87.8	1317 1478	27 4022
12296	8.1	21 10 11.23	+2.6027	+0.0036	+27 29 29.0	+14.797	+0.250	75.4	253 315 327	27 4023
12297	9.1	10 22.42	2.6224	0.0034	26 31 0.5	14.808	0.252	87.8	1312 1408 1480	26 4114*
12298	7.3	10 25.89	2.6536	0.0031	24 54 55.4	14.811	0.255	76.9	9 obs.	24 4357
12299	9.3	10 30.79	2.5843	0.0038	28 26 20.9	14.816	0.248	77.3	28 872	28 4035*
12300	9.4	10 41.78	2.6421	0.0032	25 32 23.6	14.827	0.253	85.1	871 1126 1484	25 4497*

[1] Z. 34 683 691 695 788 [2] Z. 259 323 324 499 608 [3] Z. 38 257 413 611 614 865

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12301	7.1	21h 10m 47s.05	+2s.6366	+0s.0033	+25° 49' 46".9	+14".832	+0".253	74.8	233 252 334	25° 4498
12302	9.4	10 53.38	2.6259	0.0034	26 23 39.9	14.838	0.251	74.6	7 obs.	26 4116
12303	9.1	11 1.86	2.6210	0.0034	26 39 37.3	14.846	0.251	84.8	1129 1130 1131 1133	26 4117*
12304	9.5	11 4.16	2.5912	0.0037	28 9 34.7	14.849	0.248	84.8	943 1219 1220	28 4039*
12305	9.4	11 6.59	2.5705	0.0039	29 10 47.4	14.851	0.246	84.2	942 1210	29 4361*
12306	9.4	21 11 10.90	+2.5697	+0.0040	+29 13 52.9	+14.855	+0.245	77.8	8 obs.	29 4362
12307	8.7	11 17.34	2.6349	0.0033	25 58 23.2	14.861	0.252	80.4	12 obs.	25 4500
12308	9.4	11 19.49	2.5627	0.0040	29 35 6.2	14.864	0.245	86.8	1323	— —
12309	9.4	11 20.93	2.6470	0.0032	25 21 21.1	14.865	0.253	75.0	136 252 330 334	25 4501
12310	8.5	11 25.78	2.6204	0.0035	26 44 6.1	14.870	0.250	75.6	6 obs. [1]	26 4118
12311	9.4	21 11 26.10	+2.6009	+0.0037	+27 43 0.3	+14.870	+0.248	85.3	869 1482	— —
12312	9.4	11 30.36	2.6451	0.0032	25 28 12.4	14.874	0.253	83.3	866 1119	25 4502*
12313	9.0	11 33.26	2.6532	0.0032	25 3 6.9	14.877	0.253	92.7	1742 1743	24 4361
12314	9.0	11 36.06	2.5609	0.0041	29 42 25.1	14.880	0.244	77.5	5 obs. [2]	29 4365
12315	9.5	11 36.49	2.5891	0.0038	28 19 36.3	14.880	0.247	83.3	868 1121	28 4040*
12316	9.2	21 11 37.82	+2.6024	+0.0037	+27 40 8.2	+14.882	+0.248	87.1	1216 1418 1419	27 4027*
12317	9.5	11 40.90	2.6030	0.0037	27 38 29.6	14.885	0.248	74.8	5 obs. [3]	27 4028
12318	9.3	11 43.78	2.5992	0.0037	27 50 20.3	14.887	0.248	85.4	614 1314 1602	27 4029*
12319	9.5	11 43.80	2.5750	0.0040	29 2 20.4	14.887	0.245	75.7	323	28 4041*
12320	9.1	11 47.02	2.6124	0.0036	27 10 43.4	14.891	0.249	84.1	137 1408 1603	27 4030*
12321	9.5	21 11 48.16	+2.6259	+0.0035	+26 30 2.4	+14.892	+0.250	87.2	1217 1478	26 4119*
12322	9.5	11 49.19	2.6021	0.0037	27 42 5.3	14.893	0.248	72.7	25 28	27 4031
12323	9.5	11 51.41	2.6027	0.0037	27 40 48.0	14.895	0.248	72.8	38	— —
12324	9.1	11 53.14	2.6547	0.0032	25 0 30.8	14.897	0.253	78.7	30 34 1115 1116	24 4365*
12325	8.0	11 53.29	2.5519	0.0042	30 10 15.8	14.897	0.243	76.6	6 obs. [4]	30 4386
12326	9.5	21 12 1.85	+2.5987	+0.0038	+27 53 55.7	+14.905	+0.247	84.8	942 1222 1227	27 4032*
12327	9.4	12 4.07	2.5793	0.0040	28 52 5.6	14.907	0.245	87.8	1313 1483	28 4042*
12328	8.8	12 8.18	2.5740	0.0040	29 8 2.3	14.911	0.245	79.6	8 obs.	29 4366
12329	9.2	12 10.21	2.6059	0.0037	27 33 9.8	14.913	0.248	86.8	1316	27 4033*
12330	9.5	12 10.26	2.6092	0.0037	27 23 23.2	14.913	0.248	86.8	1317	27 4034*
12331	9.1	21 12 11.33	+2.6218	+0.0036	+26 44 56.4	+14.914	+0.249	82.8	24 1225 1228 1321	26 4121*
12332	8.9	12 13.27	2.5825	0.0039	28 43 31.7	14.915	0.245	76.3	7 obs.	28 4044
12333	9.2	12 15.10	2.5738	0.0040	29 9 33.4	14.918	0.244	82.0	7 obs.	29 4368
12334	9.5	12 24.86	2.6576	0.0032	24 54 39.1	14.927	0.253	80.7	787	*24 4367**
12335	9.5	12 27.67	2.5716	0.0041	29 17 21.3	14.930	0.244	81.8	873	29 4369*
12336	9.5	21 12 38.93	+2.6346	+0.0034	+26 8 22.3	+14.941	+0.250	81.8	868	26 4124*
12337	7.8	12 39.74	2.5616	0.0042	29 47 59.7	14.942	0.243	77.0	46 131 423 1135	29 4372
12338	9.4	12 40.74	2.5698	0.0041	29 24 5.6	14.943	0.244	88.3	866 1414 1637 1638	— —
12339	7.8	12 40.78	2.5512	0.0043	30 17 53.4	14.943	0.242	93.6	1845 1846	*30 4393*
12340	9.3	12 43.04	2.5776	0.0040	29 1 32.8	14.945	0.244	89.8	1484 1608	28 4046*
12341	8.8	21 12 44.38	+2.5802	+0.0040	+28 53 58.4	+14.946	+0.244	75.8	5 obs. [5]	28 4047
12342	9.5	12 50.24	2.5898	0.0039	28 26 14.9	14.952	0.245	82.8	947	28 4048*
12343	7.6	12 51.00	2.5566	0.0042	30 3 52.6	14.953	0.242	78.7	139 493 1126	29 4374
12344	9.3	12 52.11	2.5822	0.0040	28 49 12.4	14.954	0.244	86.8	1323	28 4049*
12345	9.5	12 53.75	2.6434	0.0033	25 42 24.1	14.955	0.251	78.1	138 330 1133	25 4504
12346	9.5	21 12 59.59	+2.6441	+0.0033	+25 41 0.1	+14.961	+0.250	81.8	330 869 1129 1131	25 4505*
12347	9.5	13 3.02	2.6144	0.0036	27 13 24.8	14.965	0.248	73.7	137	— —
12348	8.6	13 3.30	2.5762	0.0040	29 8 8.6	14.965	0.244	79.3	14 obs.	29 4376
12349	9.3	13 6.77	2.6129	0.0037	27 18 13.7	14.968	0.247	83.8	948 1219 1220	27 4037*
12350	9.5	13 23.25	2.5850	0.0040	28 44 18.6	14.984	0.244	73.7	129	28 4050*

[1] Z. 23 33 326 418 500 505
[2] » 131 248 403 792 871
[3] Z. 38 253 257 315 326
[4] » 46 139 423 493 504 803
[5] Z. 245 249 254 417 498

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12351	8.7	$21^h\ 13^m\ 25^s.10$	+2ˢ.5790	+0ˢ.0040	+29° 2′ 20″.2	+14″.986	+0″.244	75.7	5 obs.[1]	28° 4051
12352	8.6	13 26.17	2.6446	0.0034	25 42 15.8	14.987	0.250	75.3	30 40 136 872	25 4507
12353	9.5	13 28.52	2.5847	0.0040	28 45 45.1	14.989	0.244	79.8	701	— —
12354	8.2	13 29.22	2.6474	0.0034	25 33 53.3	14.990	0.250	76.0	34 252 256 607 (2)	25 4508
12355	9.3	13 29.35	2.5799	0.0040	29 0 15.9	14.990	0.244	76.7	323 499	28 4052*
12356	8.6	21 13 31.25	+2.6591	+0.0032	+24 57 15.5	+14.992	+0.251	74.5	128 138 252 334	24 4373
12357	9.2	13 34.69	2.5989	0.0039	28 4 9.4	14.995	0.245	86.8	1216 1411	27 4039*
12358	7.2	13 39.44	2.5759	0.0041	29 13 1.6	15.000	0.243	77.6	5 obs.[2]	29 4378
12359	9.3	13 46.61	2.5947	0.0039	28 18 2.6	15.007	0.245	83.8	871 1119 1121	28 4053*
12360	9.5	13 48.75	2.5710	0.0042	29 28 43.2	15.009	0.242	86.8	1314	29 4379*
12361	9.5	21 13 49.38	+2.5711	+0.0042	+29 28 25.0	+15.009	+0.242	86.8	1315	
12362	9.5	13 54.48	2.6025	0.0039	27 55 16.4	15.015	0.245	72.7	25 28	— —
12363	9.0	13 59.22	2.5778	0.0041	29 9 58.4	15.019	0.243	76.7	131 139 493 867	29 4380
12364	9.4	14 4.46	2.6558	0.0033	25 11 0.6	15.024	0.250	86.8	1312 1316	25 4510*
12365	9.4	14 7.72	2.6173	0.0037	27 11 44.4	15.027	0.247	81.2	137 1026 1030 1215	27 4040*
12366	9.3	21 14 7.80	+2.5635	+0.0043	+29 53 7.8	+15.027	+0.241	85.8	1222 1225 1227 1228	29 4381*
12367	9.5	14 10.48	2.6321	0.0036	26 26 18.3	15.030	0.248	75.8	33 250 500 505	26 4128
12368	9.5	14 12.36	2.6313	0.0036	26 29 9.1	15.032	0.248	79.8	250 872 943	26 4129*
12369	8.9	14 14.22	2.5602	0.0043	30 3 24.1	15.033	0.241	77.2	248 403 408 787	29 4382
12370	9.4	14 17.78	2.5583	0.0043	30 9 19.6	15.037	0.240	83.3	704 1317	30 4397*
12371	8.5	21 14 17.81	+2.6161	+0.0038	+27 16 45.1	+15.037	+0.246	92.7	1742 1743	27 4042
12372	8.2	14 20.01	2.6221	0.0037	26 58 34.8	15.039	0.247	77.4	9 obs.	26 4130
12373	8.1	14 21.39	2.5715	0.0042	29 31 10.8	15.040	0.242	80.4	7 obs.	29 4383
12374	9.0	14 28.38	2.6353	0.0036	26 18 29.7	15.047	0.248	77.7	313 326 500 866	26 4131
12375	9.5	14 34.41	2.5856	0.0041	28 50 59.7	15.053	0.243	82.3	868 947	28 4054*
12376	9.4	21 14 43.97	+2.5913	+0.0040	+28 35 10.5	+15.062	+0.243	88.3	1412 1484	28 4055*
12377	9.4	14 44.04	2.5706	0.0043	29 36 31.0	15.062	0.241	84.4	498 1313 1483	29 4384*
12378	9.4	14 48.58	2.6051	0.0039	27 53 52.6	15.067	0.244	76.9	6 obs.[3]	27 4043*
12379	8.5	14 50.40	2.5899	0.0041	28 39 54.3	15.068	0.243	75.7	130 245 417 496	28 4057
12380	9.5	15 1.70	2.6537	0.0034	25 24 9.5	15.079	0.248	82.3	871 942	25 4512*
12381	7.8	21 15 7.13	+2.6478	+0.0034	+25 43 19.7	+15.084	+0.248	73.2	30 34 40 252	25 4513
12382	8.3	15 8.57	2.6198	0.0038	27 11 18.7	15.086	0.245	74.2	6 obs.[4]	27 4044
12383	7.6	15 10.72	2.5979	0.0040	28 18 12.7	15.088	0.243	77.5	249 608 620	28 4058
12384	9.3	15 13.82	2.5698	0.0043	29 42 35.1	15.091	0.240	84.1	867 1129 1130 1131	29 4385*
12385	8.5	15 14.86	2.5720	0.0043	29 36 7.5	15.092	0.241	74.6	5 obs.[5]	29 4386
12386	9.5	21 15 19.26	+2.5741	+0.0043	+29 30 34.8	+15.096	+0.241	75.7	317	29 4388*
12387	9.3	15 21.63	2.6014	0.0039	28 9 4.6	15.098	0.243	87.8	1411 1413	28 4059*
12388	9.0	15 26.73	2.6280	0.0037	26 47 51.4	15.103	0.246	75.9	6 obs.[6]	26 4133
12389	9.2	15 30.71	2.6082	0.0039	27 49 20.1	15.107	0.244	84.1	944 1134 1135	27 4045
12390	9.5	15 33.92	2.6648	0.0033	24 52 4.8	15.110	0.249	82.8	947	*24 4383**
12391	9.1	21 15 36.48	+2.6577	+0.0034	+25 15 13.0	+15.113	+0.248	79.5	34 330 1119 1121	25 4514*
12392	9.5	15 39.35	2.6171	0.0038	27 23 17.5	15.115	0.245	81.8	871	27 4046*
12393	9.3	15 39.49	2.6088	0.0039	27 48 22.2	15.115	0.244	81.8	872	27 4047*
12394	9.4	15 40.25	2.6586	0.0034	25 12 48.9	15.116	0.248	81.8	868	25 4515*
12395	9.1	15 46.81	2.5696	0.0044	29 47 4.4	15.122	0.240	75.5	46 324 403 423	29 4390
12396	9.5	21 15 47.49	+2.5883	+0.0042	+28 52 5.6	+15.123	+0.241	86.7	1312	28 4062*
12397	9.4	15 48.09	2.5897	0.0041	28 47 40.4	15.124	0.242	79.1	8 obs.	28 4061
12398	8.4	15 49.38	2.5706	0.0043	29 44 38.7	15.125	0.240	76.3	5 obs.[7]	29 4391
12399	9.5	15 52.91	2.6447	0.0036	25 58 41.1	15.128	0.246	80.2	138 1314	25 4516*
12400	9.0	16 0.48	2.5934	0.0041	28 37 53.3	15.136	0.242	75.7	130 245 608	28 4063

[1] Z. 130 249 323 419 499
[2] » 46 423 498 692 792
[3] » 25 36 38 327 945 1124
[4] Z. 36 38 137 253 315 327
[5] » 46 131 139 329 423
[6] Z. 23 24 33 320 495 505
[7] » 248 324 329 493 498

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12401	9.2	21h 16m 3s.74	+2s.6355	+0s.0037	+26° 28' 25".2	+15".139	+0".246	85.8	1228	26° 4135*
12402	8.3	16 8.79	2.6055	0.0040	28 2 8.6	15.144	0.243	74.3	5 obs.[1]	27 4049
12403	9.4	16 17.67	2.5704	0.0044	29 48 44.4	15.152	0.239	86.8	1317	29 4392*
12404	9.2	16 17.76	2.5886	0.0042	28 54 29.6	15.152	0.241	82.8	944	— —
12405	9.4	16 19.01	2.6468	0.0036	25 54 38.3	15.153	0.246	87.3	1315 1415	25 4518*
12406	8.1	21 16 22.13	+2.6587	+0.0035	+25 17 1.6	+15.156	+0.247	79.8	7 obs.	25 4519
12407	8.5	16 26.63	2.5618	0.0045	30 15 9.8	15.161	0.238	80.7	788 790	*30 4410*
12408	9.5	16 27.37	2.6280	0.0038	26 54 57.7	15.161	0.245	83.8	816 1215	26 4136*
12409	9.4	16 27.58	2.5876	0.0042	28 58 39.0	15.162	0.241	81.8	872	28 4064*
12410	9.3	16 35.36	2.6603	0.0034	25 13 20.7	15.169	0.247	82.8	948	25 4520*
12411	8.8	21 16 40.25	+2.6463	+0.0036	+25 58 38.0	+15.174	+0.245	74.1	136 138 252	25 4521
12412	9.3	16 43.98	2.5865	0.0043	29 4 17.7	15.177	0.240	75.5	130 249 323 496	28 4065
12413	9.3	16 49.05	2.5650	0.0045	30 8 29.8	15.182	0.238	79.8	704	— —
12414	8.5	16 53.57	2.6528	0.0035	25 39 32.1	15.186	0.246	74.5	5 obs.[2]	25 4522
12415	8.4	16 53.97	2.5938	0.0042	28 43 3.5	15.186	0.241	79.5	417 620 947	28 4066
12416	8.9	21 16 54.43	+2.5967	+0.0042	+28 34 23.4	+15.187	+0.241	84.2	249 1845	28 4067
12417	9.4	16 55.64	2.6383	0.0037	26 25 40.3	15.188	0.245	84.8	947 1313	26 4137*
12418	8.3	16 59.29	2.5785	0.0044	29 29 57.6	15.192	0.239	76.6	5 obs.[3]	29 4395
12419	9.3	16 59.93	2.6441	0.0036	26 8 3.0	15.192	0.245	82.8	6 obs.[4]	26 4138*
12420	9.4	17 2.45	2.5898	0.0043	28 56 30.7	15.195	0.240	85.5	948 1133 1483	28 4068*
12421	9.5	21 17 6.48	+2.6250	+0.0039	+27 8 49.8	+15.199	+0.243	73.8	38 137 253	27 4050
12422	9.0	17 13.20	2.6550	0.0035	25 34 39.8	15.205	0.246	75.1	138 330 334	25 4524
12423	9.1	17 15.88	2.5803	0.0044	29 26 39.0	15.208	0.239	86.2	1115 1412	29 4396*
12424	9.3	17 18.86	2.5955	0.0042	28 41 7.2	15.210	0.240	88.3	1412 1482	28 4070*
12425	6.5	17 19.56	2.5737	0.0045	29 46 34.9	15.211	0.238	74.1	131 139 248	29 4397
12426	8.4	21 17 19.69	+2.5661	+0.0045	+30 9 21.6	+15.211	+0.237	79.1	14 obs.	30 4415
12427	9.3	17 26.57	2.5647	0.0045	30 14 9.0	15.218	0.237	79.3	329 695 788 790	30 4418*
12428	9.0	17 27.22	2.5663	0.0045	30 9 43.4	15.218	0.237	80.6	6 obs.[5]	30 4417
12429	9.2	17 30.93	2.6306	0.0038	26 54 3.3	15.222	0.243	75.9	5 obs.[6]	26 4142
12430	9.0	17 30.93	2.6669	0.0034	24 58 13.2	15.222	0.247	84.8	1119 1134	24 4389
12431	9.2	21 17 32.69	+2.5741	+0.0045	+29 47 8.6	+15.223	+0.238	90.8	1312 1744 1745	29 4399
12432	9.4	17 35.38	2.5896	0.0043	29 0 56.7	15.226	0.239	83.3	872 1121	28 4071*
12433	9.5	17 36.21	2.6427	0.0037	26 16 44.4	15.227	0.244	77.7	488	— —
12434	9.4	17 37.53	2.6443	0.0037	26 11 49.0	15.228	0.244	76.4	313 326 495	26 4144
12435	8.8[7]	17 39.51	2.6015	0.0042	28 25 15.0	15.230	0.240	77.9	6 obs.[8]	28 4072
12436	9.3	21 17 43.73	+2.5909	+0.0043	+28 58 15.0	+15.234	+0.239	83.7	245 1743	28 4073
12437	8.0	17 45.33	2.5881	0.0043	29 6 34.3	15.235	0.239	82.8	46 1742	29 4400
12438	9.5	17 46.13	2.6270	0.0039	27 7 25.3	15.236	0.242	73.7	137	— —
12439	8.9	17 50.07	2.6496	0.0037	25 56 16.7	15.240	0.244	74.5	5 obs.[9]	25 4527
12440	9.0	17 51.85	2.5870	0.0043	29 11 2.3	15.242	0.239	81.8	792 945	29 4401*
12441	9.5	21 17 54.78	+2.6448	+0.0037	+26 12 19.3	+15.244	+0.244	72.7	23	— —
12442	8.1	17 54.85	2.5852	0.0044	29 16 42.2	15.244	0.239	79.2	5 obs.[10]	29 4403
12443	9.4	17 54.96	2.5874	0.0043	29 10 3.3	15.244	0.239	80.8	792	— —
12444	9.1	17 56.17	2.6625	0.0035	25 15 27.0	15.246	0.246	87.8	1415	25 4528*
12445	9.5	17 56.71	2.5915	0.0043	28 57 57.1	15.246	0.239	74.7	245 249	28 4074
12446	9.3	21 17 57.37	+2.6123	+0.0041	+27 54 39.0	+15.247	+0.241	75.8	327	27 4053*
12447	9.0	18 8.89	2.6373	0.0038	26 37 31.7	15.258	0.243	74.7	5 obs.[11]	26 4145
12448	9.0	18 11.42	2.6213	0.0040	27 28 24.8	15.260	0.241	82.8	942 943	27 4054
12449	9.0	18 11.55	2.6115	0.0041	27 58 39.8	15.260	0.241	73.5	28 36 38 315	27 4055
12450	9.3	18 14.23	2.6609	0.0036	25 22 33.6	15.263	0.245	82.8	944	— —

[1] Z. 25 28 253 315 327
[2] » 30 34 252 256 497
[3] » 46 139 317 408 1124
[4] » 320 867 1126 1129 1130 1131
[5] Z. 403 684 696 702 704 1417
[6] » 23 33 250 500 866
[7] Double; south following
[8] Z. 130 323 417 496 868 871
[9] Z. 30 34 136 334 497
[10] » 423 608 688 692 787
[11] » 24 33 250 326 500

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12451	9.5	21h 18m 15s.70	+2s.5941	+0s.0043	+28° 52' 22".4	+15s.264	+0s.239	84.7	1117 11-18	28° 4076*
12452	9.5	18 17.21	2.5983	0.0042	28 39 51.6	15.266	0.239	86.8	1316	— —
12453	8.4	18 23.83	2.6127	0.0041	27 56 10.7	15.272	0.241	74.6	9 obs.	27 4056
12454	9.5	18 24.35	2.5798	0.0045	29 36 49.0	15.272	0.237	86.8	1317	29 4405*
12455	8.7	18 24.43	2.5900	0.0044	29 5 49.3	15.273	0.238	77.8	139 683 695	29 4406
12456	9.4	21 18 25.30	+2.6068	+0.0042	+28 14 47.9	+15.273	+0.240	85.7	1215	28 4078*
12457	9.1	18 28.23	2.5695	0.0046	30 7 55.7	15.276	0.236	79.9	6 obs.[1]	30 4424
12458	9.4	18 38.74	2.5968	0.0043	28 46 58.7	15.286	0.239	81.8	867 869 873	28 4081*
12459	9.2	18 42.38	2.6512	0.0037	25 57 5.7	15.289	0.243	86.8	1314 1315	25 4530*
12460	9.3	18 45.95	2 5936	0.0044	28 57 38.9	15.293	0.238	76.8	419	28 4083*
12461	9.0	21 18 51.62	+2.6489	+0.0037	+26 5 44.4	+15.298	+0.243	76.9	313 320 495 503(2)	26 4146
12462	5.0	19 1.03	2.6577	0.0036	25 38 15.8	15.307	0.244	74.0	34 138 252 256	25 4531
12463	9.5	19 3.93	2.5693	0.0047	30 13 16.6	15.310	0.236	93.6	1846 1847	30 4429
12464	9.5	19 7.74	2.6144	0.0042	27 56 20.7	15.313	0.240	80.7	25 1483	27 4058*
12465	9.0	19 8.01	2.5795	0.0046	29 43 5.9	15.314	0.236	77.2	5 obs.[2]	29 4407
12466	9.2	21 19 11.54	+2.6627	+0.0036	+25 23 26.6	+15.317	+0.244	87.8	1408 1409	25 4532*
12467	9.5	19 14.05	2.5837	0.0045	29 31 21.5	15.319	0.237	82.8	948	29 4408*
12468	7.0	19 14.72	2.6636	0.0036	25 20 36.1	15.320	0.244	74.9	5 obs.[3]	25 4533
12469	8.5	19 17.73	2.6498	0.0038	26 5 39.4	15.323	0.243	76.7	5 obs.[4]	26 4149
12470	9.0	19 22.43	2.6417	0.0039	26 32 27.4	15.327	0.242	77.5	250 500 609 615	26 4150
12471	9.3	21 19 25.48	+2.6255	+0.0041	+27 24 1.0	+15.330	+0.240	87.4	1312 1411 1412	27 4059*
12472	7.0	19 30.00	2.6355	0.0040	26 52 49.4	15.334	0.241	74.1	24 33 418	26 4151
12473	9.5	19 33.88	2.6415	0.0039	26 34 23.9	15.338	0.241	90.8	1414 1859	26 4152*
12474	8.8	19 37.28	2.6410	0.0039	26 36 26.4	15.341	0.241	80.1	12 obs.	26 4153
12475	9.2	19 39.12	2.6099	0.0042	28 14 18.4	15.343	0.239	81.8	867 871	28 4084*
12476	9.5	21 19 44.65	+2.5791	+0.0046	+29 49 0.5	+15.348	+0.236	84.1	943 1115 1121	29 4409*
12477	9.4	19 49.30	2.6650	0.0036	25 20 10.4	15.352	0.244	88.3	1413 1482	25 4535*
12478	8.8	19 52.99	2.6413	0.0039	26 37 17.0	15.356	0.241	79.6	12 obs.	26 4155
12479	8.9	19 53.10	2.6473	0.0038	26 17 44.2	15.356	0.242	79.4	6 obs.[5]	26 4154
12480	9.3	19 53.38	2.6546	0.0038	25 54 20.7	15.356	0.242	80.5	138 256 1322 1325	25 4536*
12481	7.3	21 19 54.97	+2.5972	+0.0044	+28 55 23.5	+15.358	+0.237	75.6	8 obs.	28 4085
12482	9.4	19 58.89	2.5729	0.0047	30 9 30.0	15.361	0.235	82.8	944	30 4432*
12483	8.4	19 59.96	2.6405	0.0039	26 40 38.4	15.362	0.241	80.6	7 obs.	26 4156
12484	9.5	20 1.89	2.6192	0.0042	27 48 10.6	15.364	0.239	73.7	137	— —
12485	9.3	20 12.38	2.5763	0.0047	30 0 56.4	15.374	0.235	86.8	1315 1316	29 4411*
12486	9.5	21 20 13.42	+2.6338	+0.0040	+27 3 28.3	+15.375	+0.240	85.3	942 1420	26 4157*
12487	9.5	20 15.02	2.6001	0.0044	28 49 6.1	15.377	0.237	87.8	1419	28 4086*
12488	9.4	20 17.90	2.6529	0.0038	26 2 52.5	15.379	0.242	73.8	30 34 151 334	25 4537
12489	8.5	20 23.57	2.5743	0.0047	30 8 26.1	15.385	0.234	84.6	6 obs.[6]	30 4434
12490	9.4	20 33.89	2.6437	0.0040	26 34 25.1	15.394	0.240	88.1	869 1484 1861	— —
12491	9.0	21 20 40.61	+2.6465	+0.0040	+26 26 10.8	+15.400	+0.240	74.4	23 33 495	26 4159
12492	9.2	20 43.60	2.6480	0.0039	26 21 37.5	15.403	0.241	86.3	1216 1321	26 4160*
12493	9.3	20 44.63	2.5771	0.0047	30 2 51.4	15.404	0.234	82.7	131 1217 1479	29 4412*
12494	9.2	20 47.45	2.5927	0.0045	29 15 34.8	15.407	0.236	79.8	704	— —
12495	9.2	20 51.44	2.6304	0.0041	27 18 57.3	15.411	0.239	77.5	133 257 315 1225	27 4061*
12496	9.3	21 20 54.39	+2.6431	+0.0040	+26 38 38.3	+15.413	+0.240	83.7	787 1314	26 4161*
12497	8.8	20 54.80	2.5780	0.0047	30 1 19.9	15.414	0.234	76.1	8 obs.	29 4414
12498	9.2	20 55.17	2.6110	0.0044	28 20 11.5	15.414	0.237	83.8	873 1131 1135	28 4090*
12499	9.5	21 2.55	2.6015	0.0045	28 50 40.6	15.421	0.236	82.8	948	28 4092*
12500	9.4	21 4.48	2.6462	0.0040	26 30 2.6	15.423	0.240	84.8	614 1408 1409	26 4162*

[1] Z. 493 692 701 788 790 803
[2] » 248 329 408 423 866
[3] Z. 30 136 252 330 497
[4] » 313 320 418 488 495
[5] Z. 250 683 684 790 792 800
[6] » 944 945 1117 1126 1134 1415

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12501	9.4	21h 21m 9.02	+2.5858	+0.0046	+29° 39' 34.9	+15.427	+0.235	86.3	1215 1323	29°4416*[1]
12502	9.5	21 10.05	2.6294	0.0042	27 24 23.8	15.428	0.238	85.8	943 1129	27 4062*
12503	9.2	21 11.46	2.5852	0.0047	29 41 39.4	15.429	0.234	86.8	1320	— —[1]
12504	9.3	21 16.17	2.6214	0.0043	27 50 23.8	15.434	0.237	84.4	137 1483 1601	27 4063*
12505	9.5	21 24.68	2.6225	0.0043	27 48 1.1	15.441	0.237	73.7	137	— —
12506	8.9	21 21 24.96	+2.6411	+0.0041	+26 49 0.6	+15.442	+0.239	76.1	5 obs.[2]	26 4163
12507	9.3	21 27.76	2.5889	0.0047	29 32 34.2	15.444	0.234	84.5	871 1222 1227	29 4417*
12508	9.1	21 29.91	2.6287	0.0042	27 29 5.9	15.446	0.238	76.9	9 obs.	27 4064*
12509	9.1	21 34.45	2.5783	0.0048	30 5 47.0	15.451	0.233	76.8	5 obs.[3]	30 4439
12510	9.4	21 35.61	2.6654	0.0038	25 31 18.0	15.452	0.241	82.3	867 942	25 4538*
12511	9.5	21 21 48.08	+2.6159	+0.0044	+28 11 38.9	+15.463	+0.236	88.8	1312 1602	28 4093*
12512	8.7	21 54.36	2.6719	0.0037	25 12 17.1	15.469	0.241	73.9	6 obs.[4]	25 4539
12513	9.0	21 56.41	2.6300	0.0042	27 28 27.7	15.471	0.237	77.5	25 313 327 1220	27 4065
12514	8.0	22 1.01	2.6327	0.0042	27 19 53.2	15.475	0.237	75.7	6 obs.[5]	27 4066
12515	9.4	22 1.70	2.6599	0.0039	25 52 26.9	15.475	0.240	82.8	256 1608	— —
12516	5.3	21 22 9.63	+2.6381	+0.0041	+27 3 54.2	+15.483	+0.238	74.1	23 33 418	26 4164
12517	9.4	22 11.06	2.6205	0.0044	28 0 3.9	15.484	0.236	89.8	1414 1637	27 4067*
12518	9.1	22 20.12	2.6541	0.0040	26 13 25.4	15.493	0.239	77.5	250 500 607 615	26 4166
12519	9.4	22 23.82	2.5892	0.0047	29 38 44.4	15.496	0.233	86.1	944 1316 1482	29 4418*
12520	9.1	22 23.90	2.6447	0.0041	26 44 30.9	15.496	0.238	86.8	1216 1410	26 4167*
12521	9.1	21 22 24.46	+2.6425	+0.0041	+26 51 39.7	+15.497	+0.238	79.9	7 obs.	26 4168*
12522	9.3	22 28.44	2.6159	0.0045	28 16 33.9	15.501	0.235	85.0	5 obs.[6]	28 4096*
12523	9.5	22 29.46	2.6159	0.0045	28 16 55.6	15.502	0.235	81.8	868 869	
12524	9.5	22 30.11	2.6046	0.0046	28 52 24.4	15.502	0.234	85.3	872 1484	28 4097*
12525	9.3	22 31.41	2.6030	0.0046	28 57 32.7	15.503	0.234	86.8	1314 1322	28 4098*
12526	8.9	21 22 31.59	+2.6430	+0.0041	+26 51 0.7	+15.504	+0.238	77.0	313 320 488 609	26 4169
12527	9.5	22 34.40	2.6155	0.0045	28 18 32.8	15.506	0.235	90.8	1603	28 4099*
12528	9.4	22 34.91	2.5956	0.0047	29 20 58.6	15.507	0.233	80.8	793	— —
12529	9.4	22 36.54	2.6162	0.0045	28 16 35.2	15.508	0.235	84.8	866 1134 1420	28 4100*
12530	9.1	22 37.03	2.6303	0.0043	27 32 25.3	15.509	0.236	84.8	1124 1126	27 4068*
12531	8.5	21 22 39.03	+2.6398	+0.0042	+27 2 1.0	+15.511	+0.237	76.4	250 418 495	26 4170
12532	9.0	22 40.32	2.6646	0.0039	25 41 34.2	15.512	0.240	74.0	5 obs.[7]	25 4540
12533	9.2	22 44.43	2.6559	0.0040	26 10 34.1	15.516	0.239	85.8	1225	26 4171*
12534	8.6	22 56.20	2.6061	0.0046	28 51 2.8	15.526	0.233	75.9	7 obs.	28 4101
12535	8.8	23 2.66	2.6057	0.0046	28 52 54.9	15.532	0.233	75.7	130 249 419 496	28 4103
12536	9.4	21 23 3.66	+2.6510	+0.0041	+26 29 1.4	+15.533	+0.238	83.1	614 942 1408	26 4172*
12537	7.6	23 3.86	2.5902	0.0047	29 40 59.9	15.533	0.232	75.8	5 obs.[8]	29 4419
12538	7.5	23 7.70	2.6624	0.0040	25 52 1.8	15.537	0.239	74.3	138 256	25 4543
12539	6.5	23 7.89	2.6713	0.0038	25 22 38.3	15.537	0.240	74.8	136 252 330	25 4542
12540	7.6	23 10.12	2.6597	0.0040	26 1 20.4	15.540	0.239	75.2	5 obs.[9]	25 4544
12541	9.2	21 23 12.29	+2.5877	+0.0048	+29 49 53.5	+15.541	+0.232	84.3	943 1128 1129 1130	29 4420*
12542	9.5	23 21.68	2.5824	0.0049	30 7 25.1	15.550	0.231	79.8	695	— —
12543	9.2	23 22.19	2.6744	0.0038	25 13 45.8	15.550	0.239	86.1	945 1321 1483	25 4545*
12544	9.5	23 22.62	2.6318	0.0043	27 33 1.4	15.551	0.236	81.8	871	27 4073*
12545	9.0	23 22.72	2.5963	0.0047	29 24 44.6	15.551	0.232	78.3	8 obs.	29 4421
12546	9.3	21 23 24.97	+2.6185	+0.0045	+28 15 51.3	+15.553	+0.234	84.4	872 1219 1220	28 4104*
12547	9.3	23 25.74	2.6336	0.0043	27 27 49.1	15.554	0.236	86.8	1215 1411	27 4074*
12548	9.2	23 26.43	2.5987	0.0047	29 18 3.7	15.554	0.232	79.8	691 701 704	29 4422*
12549	9.2	23 39.13	2.6569	0.0041	26 13 55.8	15.566	0.238	83.3	869 1135	26 4175*
12550	8.7	23 40.67	2.6809	0.0038	24 54 18.0	15.567	0.240	84.5	867 1222 1227	*24 4411*

[1] Doubtful whether 12501 or 12503 is 29°4416

[2] Z. 24 313 320 503 607

[3] » 46 139 248 794 868

[4] Z. 30 34 40 136 330 334

[5] » 28 36 133 257 315 1119

[6] » 866 1121 1123 1217 1417

[7] Z. 30 34 40 151 497

[8] » 46 329 407 408 423

[9] » 136 150 252 334 497

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12551	9.5	$21^h\ 23^m\ 43^s.56$	+2ˢ.6453	+0ˢ.0042	+26° 51′ 51″.7	+15″.570	+0″.237	81.8	868	— —
12552	9.1	23 44.59	2.5964	0.0048	29 27 53.2	15.571	0.232	87.1	948 1410 1600	29° 4424*
12553	6.8	23 47.37	2.6236	0.0045	28 2 31.2	15.574	0.234	74.1	8 obs.	27 4076
12554	8.5	23 53.70	2.6184	0.0046	28 19 43.9	15.579	0.234	75.0	134 245 254 417	28 4105
12555	8.5	23 54.59	2.5813	0.0049	30 15 8.8	15.580	0.230	75.0	46 139 407 423	30 4451
12556	9.2	21 23 55.43	+2.6628	+0.0040	+25 56 35.2	+15.581	+0.238	73.8	5 obs.[1]	25 4546
12557	8.9	23 57.48	2.6226	0.0045	28 6 59.3	15.583	0.234	75.5	130 249 323 499	28 4106
12558	8.8	23 59.93	2.6094	0.0047	28 49 4.0	15.585	0.232	79.8	245 496 608 1420	28 4107
12559	9.4	24 2.46	2.6229	0.0045	28 6 29.5	15.587	0.234	86.3	1216 1325	— —
12560	8.9	24 2.95	2.6091	0.0047	28 50 17.6	15.588	0.232	86.2	608 1845	28 4108
12561	8.5	21 24 5.27	+2.6681	+0.0039	+25 39 52.6	+15.590	+0.238	76.4	5 obs.[2]	25 4547
12562	9.4	24 10.66	2.6077	0.0047	28 55 42.0	15.595	0.232	86.7	134 1745 1846	28 4109
12563	8.7	24 13.11	2.5835	0.0050	30 10 56.4	15.597	0.230	77.0	259 329 408 790	30 4452
12564	9.5	24 14.74	2.6260	0.0045	27 58 21.7	15.599	0.234	73.7	133	— —
12565	9.5	24 15.51	2.6310	0.0045	27 42 15.4	15.599	0.234	72.7	25 28 36 38	27 4078
12566	8.4	21 24 16.33	+2.6756	+0.0039	+25 16 23.1	+15.600	+0.238	74.5	150 151 334	25 4549
12567	9.4	24 29.56	2.6494	0.0042	26 44 40.9	15.612	0.236	86.3	873 1602	26 4178*
12568	9.2	24 33.26	2.6421	0.0043	27 8 52.7	15.616	0.235	84.1	945 1115 1121	27 4082*
12569	9.5	24 35.66	2.6359	0.0044	27 29 5.1	15.618	0.234	85.7	1217	— —
12570	8.3	24 42.17	2.6011	0.0048	29 20 33.6	15.624	0.231	77.0	5 obs.[3]	29 4426
12571	9.5	21 24 43.09	+2.6034	+0.0048	+29 13 29.8	+15.625	+0.231	81.8	866 867	29 4427*
12572	8.0	24 43.84	2.5827	0.0050	30 17 29.7	15.625	0.230	82.8	46 1702	*30 4455*
12573	9.5	24 47.37	2.6299	0.0045	27 49 58.1	15.629	0.234	73.7	137	— —
12574	8.0	24 55.75	2.6189	0.0046	28 26 26.4	15.636	0.232	76.4	323 417 419	28 4110
12575	9.1	24 57.49	2.6621	0.0041	26 6 31.1	15.638	0.236	85.8	1225	26 4180*
12576	8.8	21 25 1.30	+2.5981	+0.0049	+29 32 7.3	+15.641	+0.230	79.7	407 493 1122	29 4428
12577	9.2	25 3.74	2.6473	0.0043	26 55 50.2	15.643	0.235	82.0	5 obs.[4]	26 4181*
12578	9.5	25 7.63	2.6675	0.0041	25 49 32.1	15.647	0.236	87.8	1408 1409	25 4550*
12579	8.4	25 9.44	2.5909	0.0050	29 55 33.3	15.649	0.230	76.4	131 408 620	29 4429
12580	9.5	25 10.12	2.6379	0.0044	27 27 13.1	15.649	0.234	84.1	942 943 1323	27 4083*[5]
12581	9.0	21 25 10.60	+2.5873	+0.0050	+30 7 1.1	+15.650	+0.230	80.2	7 obs.	30 4460
12582	9.0	25 11.24	2.6473	0.0043	26 56 55.5	15.650	0.235	74.5	6 obs.[6]	26 4182
12583	9.5	25 15.05	2.6399	0.0044	27 21 13.5	15.654	0.234	84.8	1129	27 4084*
12584	9.0	25 15.31	2.6015	0.0049	29 23 42.5	15.654	0.230	79.8	6 obs.[7]	29 4430
12585	8.9	25 15.37	2.6743	0.0040	25 27 54.9	15.654	0.237	73.0	30 34 40 136	25 4551
12586	8.5	21 25 22.40	+2.6791	+0.0039	+25 12 42.7	+15.660	+0.237	75.3	138 151 256 615	25 4552
12587	9.3	25 22.77	2.6557	0.0042	26 30 41.1	15.661	0.235	79.1	6 obs.[8]	26 4184
12588	9.3	25 23.22	2.6597	0.0042	26 17 35.6	15.661	0.235	86.8	1215 1411	26 4183*
12589	9.4	25 24.98	2.6563	0.0042	26 28 51.1	15.663	0.235	80.1	5 obs.[9]	26 4185*
12590	9.5	25 26.09	2.6038	0.0049	29 18 1.0	15.664	0.230	80.5	7 obs.	29 4431
12591	8.5	21 25 29.37	+2.5901	+0.0050	+30 0 51.4	+15.667	+0.229	83.2	139 1743	29 4432
12592	8.6	25 32.60	2.6743	0.0040	25 29 51.1	15.670	0.237	74.6	5 obs.[10]	25 4553
12593	9.0	25 35.16	2.6231	0.0047	28 18 3.2	15.672	0.232	77.1	5 obs.[11]	28 4111
12594	9.4	25 35.90	2.6557	0.0043	26 32 16.9	15.673	0.235	81.8	250 1483	26 4186*
12595	8.1	25 37.78	2.5988	0.0049	29 35 2.9	15.674	0.230	79 4	492 696 788	29 4434
12596	8.6	21 25 39.74	+2.6322	+0.0045	+27 49 1.5	+15.676	+0.233	74.8	6 obs.[12]	27 4085
12597	9.5	25 40.20	2.6292	0.0046	27 59 3.5	15.677	0.232	75.1	6 obs.[13]	27 4086
12598	7.8	25 43.14	2.5963	0.0049	29 43 45.9	15.679	0.229	79.3	7 obs.[14]	29 4435
12599	9.1	25 43.67	2.6139	0.0048	28 48 35.5	15.680	0.231	81.8	249 1126 1216	28 4113*
12600	9.4	25 43.82	2.6217	0.0047	28 23 36.1	15.680	0.232	75.4	134 254 496	28 4112

[1] Z. 34 40 138 150 334
[2] » 151 256 330 607 615
[3] » 131 139 423 701 787
[4] » 320 500 948 1312 1322
[5] BD *a* 4ˢ less
[6] Z. 23 (2) 33 313 320 500
[7] » 493 688 692 702 791 792
[8] » 250 418 488 495 614 1482
[9] » 250 418 614 1220 1411
[10] » 30 136 252 330 334
[11] Z. 130 323 417 499 869
[12] » 36 38 257 315 327 420
[13] » 25 28 133 137 335 868
[14] » 248 423 684 691 799 865 (2)

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12601	8.9	21h 25m 45.45	+2.6734	+0.0040	+25° 34′ 15.2	+15.681	+0.236	80.2	5 obs.[1]	25° 4555
12602	9.0	25 45.47	2.6793	0.0039	25 14 43.6	15.681	0.237	76.3	252 497	25 4554
12603	9.1	25 48.20	2.6745	0.0040	25 31 18.4	15.684	0.236	78.8	330 683 700 702	25 4556*
12604	9.1	25 48.35	2.6335	0.0045	27 46 19.4	15.684	0.233	84.8	1124 1131 1133	27 4087*
12605	8.8	25 51.77	2.6676	0.0041	25 54 40.2	15.687	0.235	78.8	5 obs.[2]	25 4557
12606	9.0	21 26 5.79	+2.6758	+0.0040	+25 29 0.7	+15.700	+0.236	73.9	6 obs.[3]	25 4558
12607	9.2	26 6.98	2.6097	0.0048	29 4 50.7	15.701	0.230	87.3	1325 1419	28 4116*
12608	9.2	26 11.81	2.6875	0.0039	24 50 9.8	15.705	0.237	83.8	945 1135	*24 4423**
12609	9.1	26 12.72	2.6421	0.0045	27 21 32.5	15.706	0.233	84.8	1134	27 4088*
12610	9.3	26 14.85	2.5951	0.0050	29 51 41.5	15.708	0.228	87.3	1315 1410	29 4438*
12611	9.5	21 26 19.29	+2.6686	+0.0041	+25 54 49.1	+15.712	+0.235	77.7	497	— —
12612	9.0	26 25.83	2.6122	0.0048	28 59 18.2	15.718	0.230	77.8	245 419 499 866	28 4117
12613	9.1	26 27.79	2.6868	0.0039	24 54 28.9	15.720	0.237	84.1	871 1115 1217	*24 4425**
12614	9.3	26 30.44	2.6759	0.0041	25 31 36.8	15.722	0.235	81.4	787 867 869	— —
12615	9.2	26 37.72	2.6396	0.0046	27 33 2.5	15.729	0.232	87.8	1415	27 4090*
12616	8.8	21 26 45.63	+2.6532	+0.0044	+26 49 10.7	+15.736	+0.233	78.3	500 609	26 4189
12617	9.1	26 49.47	2.6277	0.0047	28 12 57.5	15.739	0.231	85.8	948 1121 1417 1420	28 4118*
12618	9.4	26 49.86	2.6190	0.0048	28 40 48.9	15.740	0.230	78.0	130 249 323 1412	28 4119
12619	9.0	26 50.13	2.5941	0.0051	29 59 32.2	15.740	0.227	75.7	6 obs.[4]	29 4439
12620	9.2	26 51.92	2.6787	0.0040	25 24 54.7	15.742	0.235	89.4	1312 1600 1603	25 4561*
12621	9.3	21 26 52.12	+2.6143	+0.0049	+28 56 8.2	+15.742	+0.229	76.8	417	28 4120*
12622	9.3	26 53.76	2.6357	0.0046	27 47 40.3	15.743	0.231	89.2	1316 1637	27 4091*[5]
12623	9.4	26 56.18	2.6442	0.0045	27 20 20.4	15.746	0.232	87.8	1414	— —
12624	9.5	26 57.25	2.6319	0.0047	28 0 38.9	15.747	0.231	73.0	28 36 38 137	27 4093
12625	8.9	26 57.45	2.6539	0.0044	26 48 17.3	15.747	0.233	76.3	7 obs.	26 4191
12626	9.2	21 27 6.19	+2.6808	+0.0040	+25 19 20.4	+15.755	+0.235	84.3	943 1128 1129 1130	25 4562*
12627	9.5	27 7.24	2.6567	0.0043	26 40 34.5	15.755	0.233	79.8	695	26 4192*
12628	8.4	27 7.87	2.5944	0.0051	30 1 11.6	15.756	0.227	75.1	46 131 620	29 4440
12629	9.5	27 12.76	2.6321	0.0047	28 1 50.7	15.760	0.231	79.7	25 327 942 1408	27 4094*
12630	9.0	27 13.15	2.5969	0.0051	29 53 55.1	15.761	0.227	76.4	248 408 492	29 4441
12631	9.3	21 27 16.54	+2.6150	+0.0049	+28 57 16.0	+15.764	+0.229	76.5	134 419 499 512	28 4122
12632	9.2	27 17.83	2.6298	0.0047	28 10 8.9	15.765	0.230	86.5	1215 1320 1323	28 4123*
12633	9.5	27 19.74	2.6564	0.0044	26 43 10.2	15.767	0.232	80.5	8 obs.	26 4193
12634	9.2	27 21.09	2.6370	0.0047	27 47 2.6	15.768	0.231	85.8	1219 1220	27 4095*
12635	9.3	27 26.10	2.6187	0.0049	28 46 41.9	15.772	0.229	83.3	872 1124	28 4124*
12636	8.8	21 27 27.37	+2.6554	+0.0044	+26 47 22.4	+15.774	+0.232	75.5	5 obs.[6]	26 4194
12637	9.2	27 28.90	2.6429	0.0046	27 28 49.8	15.775	0.231	86.3	1225 1322	27 4096*
12638	9.5	27 34.87	2.5953	0.0052	30 1 57.6	15.780	0.226	81.8	868	— —
12639	7.8	27 36.01	2.5997	0.0051	29 48 23.7	15.781	0.227	76.8	5 obs.[7]	29 4443
12640	9.2	27 37.60	2.6593	0.0044	26 35 50.5	15.783	0.232	79.8	12 obs.	26 4195
12641	9.1	21 27 47.60	+2.6023	+0.0051	+29 41 38.2	+15.792	+0.227	85.8	1222 1227	29 4444*
12642	9.2	27 56.25	2.6753	0.0042	25 44 22.0	15.800	0.234	85.2	799 1321 1419	25 4564*
12643	8.0	28 3.79	2.6521	0.0045	27 2 55.4	15.806	0.231	77.4	23 250 1126	26 4197
12644	8.2	28 14.26	2.6830	0.0041	25 20 16.1	15.816	0.234	74.5	7 obs.	25 4565
12645	9.5	28 19.33	2.6504	0.0046	27 10 26.7	15.820	0.231	83.8	947 1131	27 4098*
12646	9.1	21 28 20.47	+2.6419	+0.0047	+27 38 38.1	+15.821	+0.230	87.8	1315 1482	27 4099*
12647	9.3	28 27.63	2.6609	0.0045	26 36 44.8	15.828	0.231	84.3	787 1415	26 4198*
12648	9.5	28 28.43	2.6113	0.0051	29 18 45.9	15.828	0.227	81.8	866	29 4447*
12649	9.4	28 30.40	2.6498	0.0046	27 14 10.2	15.830	0.230	81.8	872 873	27 4100*
12650	9.3	28 31.12	2.6124	0.0051	29 15 53.8	15.831	0.227	83.1	871 942 1135	29 4448*

[1] Z. 607 692 792 794 799
[2] » 150 688 704 706 790
[3] » 34 40 136 138 256 330
[4] Z. 46 131 407 408 423 493
[5] BD *a* 4[s] less
[6] Z. 23 313 320 326 495
[7] » 139 248 407 620 704

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12651	8.8	21h 28m 38s.18	+2s.6287	+0s.0049	+28° 24′ 4″.9	+15″.837	+0″.229	77.8	7 obs.	28° 4128
12652	9.5	28 41.58	2.6386	0.0048	27 52 19.9	15.840	0.229	73.7	133	— —
12653	9.0	28 43.86	2.6758	0.0043	25 48 29.0	15.842	0.233	73.8	40 138 252	25 4567
12654	9.3	28 49.51	2.6235	0.0050	28 42 45.9	15.847	0.228	85.1	945 1121 1417	28 4129*
12655	9.3	28 51.67	2.6652	0.0044	26 25 35.9	15.849	0.231	86.2	1216 1312	26 4199*
12656	8.5	21 28 52.91	+2.6812	+0.0042	+25 31 19.6	+15.850	+0.233	74.5	30 150 151 497	25 4568
12657	9.3	28 57.26	2.6091	0.0051	29 29 58.7	15.854	0.226	87.8	1316 1411 1484	29 4449*
12658	9.3	28 57.67	2.6773	0.0043	25 45 20.9	15.855	0.232	80.8	799	— —
12659	9.5	29 2.83	2.6691	0.0043	26 13 42.5	15.859	0.232	86.8	1323	26 4200*
12660	9.2	29 16.67	2.6570	0.0046	26 56 11.0	15.872	0.230	85.0	948 1215 1219 1220	26 4201*
12661	9.0	21 29 18.44	+2.6427	+0.0048	+27 43 54.5	+15.873	+0.229	74.9	7 obs.[1]	27 4104
12662	9.5	29 18.60	2.6394	0.0048	27 54 51.9	15.873	0.229	82.3	137 1603	27 4103*
12663	8.8	29 19.47	2.5979	0.0053	30 8 17.7	15.874	0.224	92.7	1742 1743	30 4472
12664	9.0	29 19.59	2.6853	0.0042	25 20 40.6	15.874	0.232	74.3	138 150 151 330	25 4570
12665	9.3	29 20.05	2.6303	0.0049	28 24 39.9	15.875	0.228	86.8	1124 1483	28 4130*
12666	9.0	21 29 21.43	+2.6060	+0.0052	+29 43 2.1	+15.876	+0.225	76.2	7 obs.	29 4452
12667	9.3	29 28.86	2.6667	0.0045	26 25 4.2	15.882	0.231	87.8	1413	— —
12668	9.5	29 32.99	2.6297	0.0049	28 28 26.3	15.886	0.228	81.8	871	28 4131*
12669	9.0	29 33.63	2.6404	0.0048	27 53 31.7	15.887	0.229	75.9	6 obs.[2]	27 4106
12670	9.4	29 35.56	2.6514	0.0047	27 17 16.0	15.888	0.229	81.8	866 873	— —
12671	9.3	21 29 37.96	+2.6818	+0.0043	+25 34 50.9	+15.891	+0.232	87.3	1325 1420	25 4571*
12672	9.3	29 38.66	2.6663	0.0045	26 27 53.9	15.891	0.230	86.3	1225 1322	26 4204*
12673	8.3	29 39.16	2.6796	0.0043	25 42 34.9	15.892	0.232	77.6	6 obs.[3]	25 4572
12674	9.5	29 40.80	2.6404	0.0048	27 54 23.9	15.893	0.228	75.7	315	— —
12675	9.0	29 41.63	2.6636	0.0045	26 37 28.7	15.894	0.230	79.0	7 obs.	26 4205
12676	7.0	21 29 46.77	+2.6455	+0.0048	+27 38 29.9	+15.898	+0.229	73.7	25 133 257	27 4107
12677	8.8	29 49.30	2.6489	0.0047	27 27 44.7	15.900	0.229	72.7	28 36 38	27 4108
12678	9.2	29 57.08	2.6594	0.0046	26 53 32.5	15.907	0.229	80.0	5 obs.[4]	26 4206*
12679	9.5	29 57.26	2.6819	0.0043	25 36 49.4	15.908	0.231	74.1	136 150 252	25 4573
12680	9.0	29 58.10	2.5968	0.0054	30 17 14.8	15.908	0.224	93.6	1845 1846	*30 4476*
12681	9.2	21 29 59.04	+2.6930	+0.0041	+24 58 43.4	+15.909	+0.232	83.8	947 1134	24 4435*
12682	9.4	30 7.54	2.6795	0.0043	25 46 40.2	15.917	0.231	74.8	138 330	25 4574
12683	9.5	30 8.32	2.6709	0.0045	26 15 53.7	15.917	0.230	83.8	869 942 1315	26 4207*
12684	9.1	30 12.30	2.6596	0.0046	26 54 42.8	15.921	0.229	76.4	313 320 500	26 4208
12685	8.9	30 12.84	2.6457	0.0048	27 41 24.5	15.921	0.228	76.8	335 420 494	27 4110
12686	8.4	21 30 16.82	+2.6183	+0.0052	+29 11 17.1	+15.925	+0.225	74.4	46 139 408	29 4453
12687	9.0	30 19.14	2.6066	0.0053	29 49 6.1	15.927	0.224	77.6	6 obs.[5]	29 4454
12688	9.1	30 20.19	2.6435	0.0049	27 49 22.0	15.928	0.228	85.5	1126 1135 1323	27 4111*
12689	9.5	30 20.25	2.6562	0.0047	27 7 15.5	15.928	0.229	82.8	948	27 4112*
12690	9.1	30 20.54	2.6212	0.0051	29 2 40.1	15.928	0.226	84.1	943 1131 1133	28 4133*
12691	8.9	21 30 20.97	+2.6794	+0.0044	+25 48 40.4	+15.929	+0.231	76.3	30 334 497 607	25 4575
12692	8.8	30 21.78	2.6794	0.0044	25 48 41.5	15.929	0.231	76.7	136 497 607	
12693	9.0	30 24.02	2.6229	0.0051	28 57 35.3	15.931	0.226	75.9	7 obs.	28 4134*
12694	9.5	30 31.10	2.6166	0.0052	29 18 52.0	15.938	0.225	79.8	688	— —
12695	9.0	30 31.92	2.6640	0.0046	26 42 39.8	15.938	0.229	74.1	23 33 418	26 4210
12696	9.1	21 30 33.07	+2.6518	+0.0048	+27 23 44.9	+15.939	+0.228	76.7	25 36 38 1482	27 4113*
12697	9.1	30 34.00	2.6580	0.0047	27 3 1.0	15.940	0.228	87.6	868 1321 1605 1607	26 4211*
12698	9.5	30 34.55	2.6802	0.0044	25 47 42.1	15.941	0.231	73.8	151	— —
12699	9.4	30 37.03	2.6089	0.0053	29 44 31.1	15.943	0.224	80.8	702 865	— —
12700	9.5	30 39.26	2.6256	0.0051	28 50 51.1	15.945	0.226	81.8	867	28 4135*

[1] Z. 28 36 38 327(2) 420 494
[2] » 133 137 257 315 335 869
[3] Z. 40 252 334 799 803(2)
[4] » 320 326 500 945 1419
[5] Z. 248 407 423 492 683 704

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12701	9.3	21h 30m 44.s26	+2.s6033	+0.s0054	+30° 3' 16.″7	+15.″949	+0.″223	76.4	139 493 501	29° 4455
12702	9.3	30 45.66	2.6449	0.0049	27 48 21.8	15.950	0.227	86.3	1216 1320	27 4115*
12703	6.7	30 47.32	2.6140	0.0053	29 29 41.2	15.952	0.224	79.1	131 620 1121	29 4456
12704	8.1	30 54.53	2.6238	0.0052	28 58 52.7	15.958	0.225	76.1	8 obs.	28 4137
12705	9.4	30 57.59	2.6359	0.0050	28 19 49.4	15.961	0.226	87.3	1316 1411	28 4138*
12706	9.0	21 31 3.21	+2.6751	+0.0044	+26 8 47.8	+15.966	+0.229	75.5	250 313 320 336	26 4213
12707	8.3	31 16.12	2.6223	0.0052	29 6 43.1	15.977	0.225	79.3	7 obs.	29 4458
12708	9.1	31 16.78	2.6654	0.0046	26 43 42.0	15.978	0.228	85.8	1219 1220	26 4214*
12709	8.5	31 17.48	2.6946	0.0042	25 3 19.1	15.979	0.231	81.0	6 obs. [1]	24 4438
12710	8.5	31 19.30	2.6190	0.0053	29 17 55.8	15.980	0.224	78.3	247 492 688 691 (2)	29 4459
12711	8.7	21 31 21.22	+2.6540	+0.0048	+27 22 53.1	+15.982	+0.227	74.4	6 obs. [2]	27 4117
12712	9.5	31 24.28	2.6038	0.0054	30 7 25.4	15.985	0.222	82.8	943	30 4487*
12713	8.7	31 26.39	2.6645	0.0047	26 48 4.1	15.986	0.228	75.9	5 obs. [3]	26 4215
12714	9.0	31 27.32	2.6112	0.0054	29 44 3.5	15.987	0.223	79.4	13 obs.	29 4460
12715	9.3	31 28.03	2.6656	0.0047	26 44 18.6	15.988	0.228	82.8	947	— —
12716	9.2	21 31 31.33	+2.6109	+0.0054	+29 45 40.8	+15.991	+0.223	79.3	12 obs.	29 4461*
12717	9.0	31 37.96	2.6386	0.0050	28 16 11.7	15.997	0.225	76.8	6 obs. [4]	28 4140
12718	9.5	31 38.32	2.6485	0.0049	27 43 18.9	15.997	0.226	73.7	133	— —
12719	9.4	31 39.21	2.6767	0.0045	26 7 51.5	15.998	0.229	81.8	872 873	26 4216*
12720	9.0	31 43.30	2.6959	0.0042	25 2 1.4	16.001	0.230	73.4	30 138 150	24 4439
12721	9.2	21 31 45.12	+2.6700	+0.0046	+26 31 55.9	+16.003	+0.228	85.2	1122 1215	26 4217*
12722	8.0	31 49.83	2.6274	0.0052	28 54 43.4	16.007	0.224	75.4	130 254 616	28 4141
12723	9.5	31 53.40	2.6370	0.0051	28 23 40.4	16.010	0.225	82.8	948	28 4142*
12724	9.2	31 54.14	2.6541	0.0048	27 26 49.7	16.011	0.226	86.8	1322	— —
12725	9.5	31 59.00	2.6147	0.0053	29 37 14.0	16.015	0.223	93.7	1853	— —
12726	9.5	21 31 59.99	+2.6145	+0.0053	+29 38 4.5	+16.016	+0.223	93.7	1847 1851 1852	29 4462
12727	9.2	32 3.89	2.6550	0.0048	27 25 8.3	16.019	0.226	80.8	137 1415	27 4118*
12728	9.2	32 5.12	2.6676	0.0046	26 42 35.8	16.021	0.227	75.1	33 250 500	26 4219
12729	8.6	32 18.52	2.6253	0.0053	29 5 30.2	16.032	0.224	75.8	6 obs. [5]	28 4143
12730	8.9	32 19.04	2.6809	0.0045	25 58 32.8	16.033	0.228	74.5	40 150 330 334	25 4579
12731	8.9	21 32 21.88	+2.6695	+0.0046	+26 38 31.5	+16.035	+0.227	76.3	5 obs. [6]	26 4221
12732	8.4	32 32.58	2.6222	0.0053	29 17 44.7	16.045	0.223	77.8	6 obs. [7]	29 4464
12733	9.0	32 40.93	2.6393	0.0051	28 22 45.8	16.052	0.224	76.8	6 obs. [8]	28 4145
12734	9.5	32 42.86	2.6109	0.0055	29 55 48.2	16.054	0.221	80.3	701 787	— —
12735	8.5	32 43.14	2.6578	0.0049	27 21 8.0	16.054	0.226	76.3	5 obs. [9]	27 4121
12736	9.0	21 32 45.39	+2.6127	+0.0055	+29 50 27.0	+16.056	+0.221	77.0	139 423 492 702	29 4466
12737	9.4	32 47.84	2.6873	0.0044	25 40 26.7	16.058	0.228	76.8	150 252 497 799	25 4580
12738	9.3	32 51.52	2.6712	0.0047	26 36 17.9	16.061	0.227	86.8	1316 1320 1323	26 4222*
12739	8.8	32 54.75	2.6095	0.0055	30 2 7.2	16.064	0.221	76.4	248 407 493	29 4467
12740	8.7	32 55.26	2.6348	0.0052	28 40 4.6	16.064	0.223	74.8	126 134 263 417	28 4147
12741	8.5	21 32 57.79	+2.6623	+0.0048	+27 7 33.6	+16.067	+0.226	74.1	5 obs. [10]	27 4122
12742	9.3	33 0.08	2.6651	0.0048	26 58 47.0	16.069	0.226	88.8	1482	26 4223*
12743	9.5	33 4.88	2.6522	0.0050	27 42 56.9	16.073	0.224	85.8	1219 1220	27 4123*
12744	9.2	33 5.24	2.6689	0.0047	26 46 19.1	16.073	0.226	77.1	5 obs. [11]	26 4225
12745	9.5	33 5.80	2.6248	0.0054	29 14 10.7	16.074	0.222	82.8	942	— —
12746	6.7	21 33 7.35	+2.7006	+0.0043	+24 56 8.4	+16.075	+0.229	88.2	1025 1742	24 4445
12747	9.5	33 8.43	2.6234	0.0054	29 18 53.4	16.076	0.222	84.8	1121 1131	29 4470*[12]
12748	9.5	33 25.08	2.6701	0.0048	26 44 40.5	16.090	0.226	73.7	33 250	— —
12749	9.5	33 27.53	2.6502	0.0051	27 52 43.9	16.093	0.224	83.8	947 1126	27 4125*
12750	8.6	33 27.63	2.6876	0.0045	25 44 16.7	16.093	0.227	75.6	6 obs. [13]	25 4581

[1] Z. 40 151 945 1124 1222 1227
[2] » 28 36 38 137 315 610
[3] » 23 326 336 488 495
[4] » 42 134 245 323 869 871
[5] » 245 249 254 323 419 499
[6] Z. 23 313 320 609 614
[7] » 46 407 408 620 688 872
[8] » 42 263 323 496 512 868
[9] » 28 327 420 494 610
[10] Z. 25 36 137 315 335
[11] » 326 418 488 495 500
[12] BD δ 3' greater
[13] Z. 30 40 136 264 607 799

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12751	9.5	21h 33m 43s.48	+2s.6291	+0s.0054	+29° 5' 21".7	+16".106	+0".221	81.8	867 868 869 873	29° 4472*
12752	9.4	33 46.58	2.6368	0.0053	28 40 19.9	16.109	0.222	84.7	1122 1124	28 4150*
12753	8.3	33 50.34	2.6836	0.0046	26 1 37.4	16.112	0.226	75.5	252 264 330 416	25 4582
12754	8.7	33 50.64	2.6088	0.0056	30 12 22.6	16.113	0.220	73.8	46 139 247	30 4495
12755	9.2	33 51.69	2.6619	0.0050	27 16 28.6	16.114	0.224	81.6	6 obs.[1]	27 4126*
12756	9.4	21 33 53.29	+2.6720	+0.0048	+26 42 5.0	+16.115	+0.225	74.7	23 320 326	26 4227
12757	9.0	33 54.37	2.6929	0.0044	25 29 29.5	16.116	0.227	74.8	150 151 330 334	25 4583
12758	9.4	33 55.60	2.6430	0.0052	28 21 12.0	16.118	0.222	84.5	947 1135 1225	28 4152*
12759	8.5	34 2.07	2.6207	0.0055	29 35 28.7	16.123	0.220	76.1	248 408 423	29 4474
12760	9.0	34 8.97	2.6137	0.0056	29 59 22.9	16.129	0.220	78.5	11 obs.	29 4475
12761	8.8	21 34 15.22	+2.6389	+0.0053	+28 37 16.3	+16.134	+0.222	76.4	8 obs.	28 4153
12762	9.3	34 15.95	2.6830	0.0047	26 6 54.6	16.135	0.226	84.1	945 1128 1129	26 4229*
12763	9.3	34 17.02	2.6313	0.0054	29 2 41.7	16.135	0.221	87.8	1413 1419	28 4154*
12764	8.2	34 19.42	2.6254	0.0055	29 22 44.0	16.138	0.220	79.3	13 obs.	29 4476
12765	9.4	34 27.06	2.6457	0.0052	28 16 12.1	16.144	0.222	90.8	1607	28 4155*
12766	8.8	21 34 27.18	+2.6569	+0.0050	+27 38 31.9	+16.144	+0.223	73.2	25 36 38 246	27 4128
12767	9.3	34 28.29	2.6847	0.0047	26 2 46.3	16.145	0.225	81.8	868	25 4585*
12768	9.0	34 31.88	2.6952	0.0045	25 26 12.5	16.148	0.226	77.6	5 obs.[2]	25 4586
12769	9.5	34 32.28	2.6641	0.0049	27 14 36.9	16.149	0.223	76.4	133 420 610	27 4129
12770	9.0	34 32.88	2.6783	0.0048	26 25 33.4	16.149	0.225	75.8	34 336 418 495	26 4230
12771	8.6	21 34 33.34	+2.6768	+0.0048	+26 30 48.6	+16.150	+0.224	76.0	250 313 326 500	26 4232
12772	9.5	34 41.30	2.6176	0.0056	29 51 26.1	16.157	0.219	79.3	423 869	29 4477*
12773	9.0	34 44.51	2.6936	0.0045	25 33 13.7	16.159	0.226	75.3	5 obs.[3]	25 4588
12774	8.9	34 49.77	2.6551	0.0051	27 47 46.5	16.164	0.222	78.8	5 obs.[4]	27 4131
12775	9.5	34 49.97	2.6554	0.0051	27 46 57.4	16.164	0.222	82.3	137 1603	— —
12776	9.5	21 34 52.13	+2.6635	+0.0050	+27 19 10.4	+16.166	+0.223	86.8	1316	27 4130*
12777	9.5	34 56.27	2.6741	0.0048	26 43 18.0	16.170	0.224	86.8	1323	26 4234*
12778	9.5	35 0.57	2.7019	0.0044	25 6 13.0	16.173	0.226	82.8	948	25 4590*
12779	9.3	35 3.83	2.6181	0.0057	29 53 8.9	16.176	0.219	78.7	407 787	29 4479
12780	9.5	35 6.38	2.6399	0.0053	28 41 18.0	16.178	0.221	84.8	942 1219 1220	28 4159*
12781	7.6	21 35 10.34	+2.6491	+0.0053	+28 11 15.8	+16.182	+0.221	75.0	134 245 263 417	28 4161
12782	9.1	35 17.36	2.7019	0.0045	25 8 19.2	16.188	0.226	85.3	873 1482	25 4591*
12783	8.8	35 21.35	2.6616	0.0051	27 30 6.6	16.191	0.222	74.6	6 obs.[5]	27 4132
12784	9.4	35 21.48	2.6734	0.0049	26 49 10.3	16.191	0.223	87.8	1414 1420	26 4236*
12785	9.2	35 25.48	2.6246	0.0056	29 34 56.7	16.194	0.219	78.2	5 obs.[6]	29 4480
12786	7.2	21 35 27.10	+2.6845	+0.0047	+26 11 11.4	+16.196	+0.224	76.6	6 obs.[7]	26 4237
12787	8.0	35 29.73	2.6394	0.0054	28 46 24.7	16.198	0.220	76.8	6 obs.[8]	28 4162
12788	9.1	35 32.11	2.7022	0.0045	25 9 2.0	16.200	0.225	79.8	6 obs.[9]	25 4592*
12789	7.7	35 32.16	2.6222	0.0056	29 43 48.6	16.200	0.219	78.4	8 obs.	29 4481
12790	9.0	35 35.39	2.6203	0.0057	29 50 39.5	16.203	0.219	79.0	10 obs.	29 4482
12791	9.5	21 35 43.54	+2.6643	+0.0051	+27 24 0.1	+16.210	+0.222	88.4	610 1742 1853	27 4136
12792	9.0	35 45.12	2.6655	0.0051	27 19 45.6	16.211	0.222	77.4	5 obs.[10]	27 4133
12793	9.5	35 47.77	2.6781	0.0049	26 36 36.9	16.214	0 223	78.1	495 500 609	26 4239
12794	9.3	35 49.38	2.6373	0.0055	28 56 18.3	16.215	0.219	87.3	1222 1484	28 4163*
12795	9.3	35 50.55	2.6888	0.0047	25 59 22.4	16.216	0.224	80.0	40 150 1215 1412	25 4593*
12796	9.3	21 35 51.65	+2.6294	+0.0056	+29 22 38.7	+16.217	+0.219	89.5	1321 1411 1861	29 4483*
12797	9.3	36 10.60	2.7022	0.0045	25 14 21.7	16.233	0.225	87.3	1225 1483	25 4594*
12798	9 5	36 15.82	2.6655	0.0051	27 24 10.2	16.238	0.221	73.7	137	— —
12799	9.3	36 23.92	2.6669	0.0051	27 20 25.9	16.245	0.221	86.8	1325	27 4137*
12800	9.5	36 29.77	2.6413	0.0055	28 48 46.3	16.250	0.219	82.3	871 947	28 4164*

[1] Z. 133 327 948 1215 1222 1227
[2] » 40 151 252 325 1605
[3] » 30 136 334 416 497
[4] » 28 137 335 1134 1322
[5] Z. 28 36 38 315 327 494
[6] » 46 492 686 692 792
[7] » 313 320 336 417 503 (2)
[8] Z. 42 130 419 496 499 871
[9] » 151 334 497 873 1121 1122
[10] » 25 133 335 420 1408

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12801	9.0	21h 36m 36.78	+2.6907	+0.0048	+25° 58′ 50.″5	+16.″256	+0.″223	77.2	5 obs.[1]	25° 4596
12802	9.5	36 39.05	2.6466	0.0054	28 32 20.1	16.258	0.219	84.8	868 1419	28 4165*
12803	9.0	36 40.27	2.6602	0.0053	27 45 55.7	16.259	0.220	84.8	1124 1128 1129	27 4138
12804	8.9	36 40.78	2.6862	0.0048	26 15 19.1	16.259	0.222	77.8	418 500 614	26 4242
12805	8.8	36 42.00	2.6587	0.0053	27 51 3.3	16.260	0.220	73.0	25 26 133	27 4139
12806	9.3	21 36 49.13	+2.6283	+0.0057	+29 35 3.3	+16.266	+0.217	80.7	787	— —
12807	8.8	36 51.04	2.6541	0.0053	28 8 20.8	16.268	0.219	83.1	499 512 1851	28 4166
12808	9.3	37 4.05	2.6974	0.0047	25 38 43.4	16.279	0.223	86.5	1220 1320 1323	25 4597*
12809	8.9	37 5.43	2.6822	0.0050	26 32 44.2	16.280	0.221	80.4	495 609 1131	26 4243
12810	9.4	37 6.98	2.6884	0.0049	26 11 9.1	16.281	0.222	89.2	1316 1637	26 4244*
12811	9.1	21 37 16.44	+2.6713	+0.0051	+27 12 47.8	+16.289	+0.220	87.8	1322 1410 1482	27 4141*
12812	9.5	37 24.86	2.6296	0.0058	29 36 8.4	16.297	0.216	82.8	948	29 4488*
12813	7.7	37 30.11	2.7099	0.0045	24 57 16.7	16.301	0.223	84.5	1016 1121 1122 1126	24 4455
12814	9.5	37 34.18	2.6247	0.0058	29 53 51.7	16.305	0.216	82.8	947	29 4489*
12815	9.5	37 38.14	2.6984	0.0048	25 40 0.7	16.308	0.222	80.8	792 799	25 4598*
12816	9.0	21 37 48.74	+2.7075	+0.0046	+25 8 26.2	+16.317	+0.223	75.8	151 334 497	25 4599
12817	8.3	37 49.07	2.7017	0.0047	25 29 18.5	16.317	0.222	82.3	11 obs.	25 4600
12818	9.1	37 50.46	2.6676	0.0052	27 30 21.8	16.318	0.219	85.8	1222 1227 1228 1230	27 4142*
12819	9.2	37 50.62	2.6946	0.0048	25 55 19.8	16.319	0.221	81.8	696 792 943 1028	25 4602
12820	9.1	37 51.44	2.6977	0.0048	25 44 4.2	16.319	0.222	80.0	688 692(2) 703 803	25 4601
12821	9.1	21 37 54.09	+2.7023	+0.0047	+25 27 40.4	+16.321	+0.222	84.8	615 1605	— —
12822	9.0	37 55.71	2.7034	0.0047	25 24 9.1	16.323	0.222	82.1	793 794 1135	25 4603
12823	8.9	37 56.52	2.6804	0.0050	26 46 23.6	16.323	0.220	79.5	500 683 684 803	26 4249
12824	9.3	38 1.63	2.6939	0.0049	25 59 12.2	16.328	0.221	86.1	948 1411 1412	25 4604*
12825	9.0	38 4.22	2.6991	0.0048	25 40 51.2	16.330	0.221	81.1	702 703 1024	25 4605
12826	8.7	21 38 7.93	+2.6449	+0.0056	+28 50 45.6	+16.333	+0.217	83.8	5 obs.[2]	28 4167
12827	9.0	38 8.46	2.7106	0.0046	24 59 36.4	16.334	0.222	84.3	1035 1127	24 4458
12828	8.5	38 15.83	2.6707	0.0052	27 23 10.6	16.340	0.219	77.8	335 610 614	27 4144
12829	8.1	38 18.98	2.6727	0.0052	27 16 29.4	16.342	0.219	83.7	1010 1018 1038	27 4145
12830	9.4	38 19.77	2.6925	0.0049	26 6 41.2	16.343	0.221	88.3	1414 1483	26 4250*
12831	9.3	21 38 23.60	+2.7082	+0.0047	+25 10 32.4	+16.346	+0.222	87.8	1413 1419	25 4606*
12832	9.2	38 23.76	2.6806	0.0051	26 49 20.7	16.347	0.219	87.8	1325 1484	26 4251*
12833	9.5	38 28.19	2.6903	0.0049	26 15 40.7	16.350	0.220	81.8	871	26 4252*
12834	8.2	38 30.20	2.6957	0.0049	25 56 41.1	16.352	0.221	83.7	1010 1020	25 4607
12835	4.5[3]	38 33.38	2.6577	0.0055	28 10 41.0	16.355	0.217	82.8	610 1128 1129	28 4169
12836	8.3	21 38 39.61	+2.6870	+0.0050	+26 29 1.0	+16.360	+0.220	78.7	495 500 609 788	26 4253
12837	7.8	38 45.07	2.6999	0.0048	25 43 24.3	16.365	0.221	84.1	1014 1017 1124	25 4608
12838	9.4	38 45.72	2.6633	0.0054	27 53 18.0	16.365	0.217	82.8	942	27 4146*
12839	7.7	38 46.40	2.6578	0.0055	28 12 35.6	16.366	0.217	85.2	499 1742	28 4171
12840	9.4	38 49.46	2.7057	0.0048	25 23 1.4	16.368	0.221	83.1	862 1030 1031	25 4609
12841	9.5	21 38 49.85	+2.6619	+0.0055	+27 58 48.3	+16.369	+0.217	86.3	614 793 1745 1746	27 4147
12842	7.3	38 52.00	2.6496	0.0056	28 41 42.1	16.370	0.216	86.3	1225 1321	28 4173
12843	9.2	38 53.07	2.6768	0.0052	27 7 8.4	16.371	0.218	85.1	1016 1033 1410	27 4148
12844	7.4	38 56.60	2.6510	0.0056	28 37 15.8	16.374	0.216	86.5	1220 1320 1323	28 4174
12845	9.5	38 57.73	2.7012	0.0048	25 40 47.3	16.375	0.220	82.8	947	25 4610*
12846	8.2	21 38 58.40	+2.6313	+0.0059	+29 44 25.3	+16.376	+0.215	84.7	1121 1122	29 4496
12847	**4.0**	**38 59.12**	**2.7112**	**0.0047**	**25 4 16.4**	**16.376**	**0.221**		**Fund. Cat.**	**24 4463**
12848	9.4	39 6.55	2.6813	0.0052	26 53 5.2	16.383	0.218	86.8	1316	26 4254*
12849	9.3	39 14.68	2.6758	0.0053	27 13 46.7	16.389	0.218	88.3	1408 1482	27 4149*
12850	9.1	39 20.06	2.6597	0.0055	28 10 49.0	16.394	0.217	86.8	1322	28 4175*

[1] Z. 150 330 416 681 702 [2] Z. 499 943 1017 1036 1603 [3] Close double; middle

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12851	9.0	21h 39m 29.s20	+2.s6938	+0.s0050	+26° 11′ 29.″7	+16.″402	+0.″219	82.0	5 obs.[1]	26° 4255
12852	9.1	39 30.36	2.6461	0.0057	28 59 15.9	16.403	0.215	87.8	1415	28 4177*
12853	8.8	39 33.50	2.6658	0.0055	27 51 33.7	16.405	0.217	81.1	335 803 943 1131	27 4151
12854	8.7	39 35.57	2.6313	0.0060	29 50 5.3	16.407	0.214	83.7	1018 1023 1028	29 4499
12855	9.0	39 36.68	2.7077	0.0048	25 22 40.7	16.408	0.220	82.8	615 1020 1028 1134	25 4611
12856	8.0	21 39 38.41	+2.6521	+0.0057	+28 39 52.0	+16.409	+0.215	82.8	788 1022 1032	28 4178
12857	8.3	39 42.06	2.6844	0.0052	26 47 12.9	16.413	0.218	78.7	495 684	26 4256
12858	9.0	39 42.19	2.6756	0.0053	27 18 18.4	16.413	0.217	83.3	794 1022 1038 1135	27 4152
12859	7.5	39 44.41	2.6905	0.0051	26 25 28.1	16.414	0.218	83.7	683 1014 1016 1411	26 4257
12860	9.4	39 50.94	2.6667	0.0055	27 50 55.3	16.420	0.216	84.8	792 1030 1031 1605	27 4153
12861	9.3	21 40 5.34	+2.6735	+0.0054	+27 29 28.9	+16.432	+0.216	82.8	948	27 4154*
12862	8.7	40 5.69	2.6621	0.0056	28 9 17.6	16.432	0.216	79.7	499 787 790	28 4180
12863	9.1	40 8.85	2.6909	0.0051	26 27 43.5	16.435	0.218	87.8	1412	26 4260*
12864	8.2	40 11.81	2.6599	0.0056	28 17 46.7	16.437	0.215	80.8	684 686 800 942	28 4181
12865	8.5	40 15.39	2.7033	0.0049	25 43 45.5	16.440	0.219	74.8	40 151 497	25 4614
12866	8.3	21 40 15.65	+2.6643	+0.0055	+28 2 52.2	+16.441	+0.216	79.0	137 335 614 1408	27 4156
12867	7.0	40 16.66	2.7152	0.0047	25 0 28.6	16.441	0.220	82.3	6 obs.[2]	24 4471
12868	9.1	40 16.66	2.6551	0.0057	28 35 12.0	16.441	0.215	79.2	263 512 1133	28 4182
12869	9.0	40 19.04	2.6429	0.0059	29 17 26.1	16.443	0.213	86.1	7 obs.	29 4505
12870	9.4	40 33.19	2.6697	0.0055	27 46 45.7	16.455	0.216	84.0	871 1124 1129 1130	27 4157*
12871	9.2	21 40 33.85	+2.6915	+0.0051	+26 29 10.0	+16.456	+0.217	79.3	1419 1603	26 4262*
12872	9.4	40 36.50	2.6514	0.0058	28 50 51.6	16.458	0.214	88.3	1420 1484	28 4183*
12873	8.0	40 37.85	2.7102	0.0048	25 21 32.0	16.459	0.219	79.5	150 700 792 1020	25 4616
12874	9.3	40 38.57	2.6357	0.0060	29 44 59.2	16.460	0.213	87.8	1410	29 4506*
12875	6.8	40 42.59	2.7165	0.0048	24 59 7.8	16.463	0.219	81.9	8 obs.	24 4473
12876	8.5	21 40 54.38	+2.6801	+0.0054	+27 13 0.7	+16.473	+0.216	78.9	6 obs.[3]	27 4160
12877	8.2	40 54.69	2.6975	0.0051	26 10 36.6	16.473	0.217	79.8	495 702 788 790	26 4265
12878	9.0	40 55.88	2.6879	0.0052	26 45 20.9	16.474	0.216	77.1	418 421 495	26 4264
12879	9.4	40 56.23	2.6605	0.0057	28 22 32.7	16.474	0.214	75.8	42 419 496	28 4185
12880	9.0	41 4.90	2.6695	0.0056	27 52 11.3	16.482	0.215	74.7	28 133 494	27 4161
12881	9.3	21 41 8.12	+2.6763	+0.0055	+27 28 20.1	+16.484	+0.215	85.3	873 1225 1316 1323	27 4162*
12882	8.8	41 12.41	2.6890	0.0052	26 43 31.1	16.488	0.216	79.7	7 obs.	26 4267
12883	8.4	41 12.47	2.6901	0.0052	26 39 40.4	16.488	0.216	76.4	320 336 500	26 4266
12884	9.3	41 20.60	2.6640	0.0057	28 13 55.0	16.495	0.214	84.7	1121 1122	28 4188*
12885	8.4	41 21.35	2.6416	0.0060	29 31 28.6	16.495	0.212	75.6	5 obs.[4]	29 4508
12886	8.6	21 41 22.02	+2.6837	+0.0054	+27 4 19.7	+16.496	+0.216	78.5	33 692 799 803	26 4268
12887	9.2	41 26.74	2.6519	0.0059	28 57 1.5	16.500	0.213	85.3	872 1482	28 4190*
12888	8.9	41 27.17	2.6310	0.0062	30 8 39.4	16.500	0.211	76.0	131 332 423 521	30 4523
12889	9.0	41 29.03	2.7057	0.0050	25 45 13.3	16.502	0.217	75.4	40 334 497	25 4617
12890	9.5	41 29.94	2.6523	0.0059	28 56 8.4	16.502	0.213	81.8	871	— —
12891	9.5	21 41 40.85	+2.7154	+0.0048	+25 11 19.1	+16.511	+0.218	77.1	151 252 706 708	25 4618
12892	8.4	41 44.24	2.6771	0.0055	27 30 50.1	16.514	0.214	77.3	5 obs.[5]	27 4163
12893	9.1	41 46.20	2.6452	0.0060	29 23 10.0	16.516	0.212	86.8	1321	29 4511*
12894	8.6	41 48.75	2.6668	0.0057	28 8 10.8	16.518	0.214	76.2	130 323 499 506	28 4191
12895	9.5[6]	41 51.17	2.6636	0.0057	28 20 12.4	16.520	0.213	77.4	249 496 683	28 4192
12896	8.4	21 41 52.17	+2.6693	+0.0057	+27 59 45.7	+16.521	+0.213	77.5	6 obs.[7]	27 4164
12897	9.0	42 5.96	2.6751	0.0056	27 41 6.3	16.532	0.214	76.8	133 335 794	27 4165
12898	8.4	42 7.82	2.6624	0.0058	28 26 29.8	16.534	0.212	74.8	42 263 419	28 4193
12899	8.6	42 8.64	2.6550	0.0059	28 52 52.5	16.534	0.212	76.8	249 506 512	28 4194
12900	9.5	42 12.61	2.6334	0.0063	30 7 25.8	16.538	0.211	82.1	248 1222 1227	30 4528*

[1] Z. 609 704 1024 1035 1036
[2] » 681 683 692 1019 1126 1227
[3] » 25 36 420 1014 1017 1024
[4] Z. 46 139 407 408 501
[5] » 36 38 315 610 1320
[6] Double; middle
[7] Z. 137 315 494 610 614 788

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
12901	9.5	21h 42m 13.s01	+2.s6311	+0.s0063	+30° 15′ 30.″9	+16.″538	+0.″211	76.0	46 407 423 501	30° 4526
12902	8.1	42 17.68	2.6507	0.0060	29 8 51.3	16.542	0.212	78.0	139 492 493 945	29 4512
12903	8.4	42 22.54	2.6694	0.0057	28 4 4.0	16.546	0.213	88.8	1131 1745	27 4166
12904	8.1	42 24.18	2.6666	0.0057	28 14 7.8	16.547	0.212	78.9	11 obs.	28 4195
12905	9.5	42 24.96	2.7081	0.0051	25 44 16.3	16.548	0.216	88.3	1411 1483	25 4619*
12906	9.5	21 42 27.34	+2.6751	+0.0056	+27 44 26.0	+16.550	+0.213	74.8	38 420	27 4167
12907	8.9	42 28.68	2.6581	0.0059	28 44 55.5	16.551	0.212	80.1	7 obs.	28 4196
12908	8.9	42 32.54	2.6665	0.0058	28 15 53.2	16.554	0.212	79.3	620 703	28 4197
12909	9.5	42 35.11	2.6871	0.0055	27 2 39.7	16.556	0.214	72.7	33	26 4271*
12910	9.5	42 38.53	2.6756	0.0056	27 44 41.5	16.559	0.213	72.7	25	— —
12911	9.3	21 42 46.48	+2.6383	+0.0063	+29 56 21.2	+16.566	+0.210	88.3	1410 1484	29 4514*
12912	9.3	42 52.28	2.6416	0.0062	29 45 43.8	16.570	0.210	84.2	947 948 1323	29 4515*
12913	9.5	42 54.87	2.6724	0.0057	27 58 37.4	16.572	0.212	73.7	137	27 4169*
12914	9.0	42 55.88	2.6475	0.0061	29 26 3.9	16.573	0.210	76.0	139 332 407 521	29 4516
12915	8.5	42 58.31	2.6699	0.0057	28 8 6.0	16.575	0.212	75.3	42 499	28 4200
12916	9.5	21 43 0.70	+2.6889	+0.0055	+27 0 6.7	+16.577	+0.214	81.8	871	— —
12917	9.5	43 2.06	2.6413	0.0062	29 48 20.2	16.578	0.209	86.8	1316	29 4517*
12918	9.0	43 2.81	2.6458	0.0062	29 32 54.8	16.579	0.210	76.8	247 248 799	29 4518
12919	9.0	43 13.76	2.6878	0.0055	27 5 57.5	16.588	0.213	75.5	23 250 421 495	26 4274
12920	7.7	43 14.72	2.7199	0.0050	25 7 44.8	16.589	0.216	78.7	8 obs.	25 4621
12921	9.1	21 43 16.88	+2.6523	+0.0061	+29 12 30.6	+16.590	+0.210	89.6	1225 1605 1607 1608	29 4519*
12922	9.0	43 24.27	2.7074	0.0052	25 55 33.2	16.597	0.215	74.8	151 252 330	25 4622
12923	9.3	43 38.05	2.7245	0.0049	24 53 34.3	16.608	0.216	88.3	1408 1482	*24 4480*
12924	8.8	43 38.63	2.7165	0.0050	25 23 35.9	16.608	0.215	87.4	416 1743 1744	25 4623
12925	9.2	43 40.85	2.6546	0.0061	29 8 26.4	16.610	0.210	85.3	942 1413	29 4520*
12926	9.2	21 43 43.88	+2.7193	+0.0050	+25 14 6.4	+16.613	+0.215	92.7	1742	25 4624*
12927	9.0	43 47.78	2.6555	0.0061	29 6 22.9	16.616	0.210	74.4	46 131 408	29 4521
12928	9.3	43 51.24	2.6813	0.0057	27 35 13.5	16.619	0.212	82.8	947	27 4174*
12929	9.0	43 53.72	2.6373	0.0063	30 10 20.1	16.621	0.208	93.7	1847 1849	30 4537
12930	9.2	43 54.02	2.6372	0.0063	30 10 36.9	16.621	0.208	93.7	1850 1851	30 4538
12931	9.1	21 43 55.83	+2.6661	+0.0059	+28 29 58.9	+16.622	+0.211	89.8	1420 1637	28 4202*
12932	9.5	44 0.65	2.6510	0.0062	29 24 4.9	16.626	0.209	78.4	5 obs.[1]	29 4523
12933	8.6	44 1.96	2.6679	0.0059	28 24 40.9	16.627	0.211	74.8	134 249 263 323	28 4203
12934	8.9	44 5.72	2.6491	0.0062	29 31 39.6	16.630	0.209	78.8	6 obs.[2]	29 4524
12935	9.0	44 9.69	2.6876	0.0056	27 15 5.4	16.634	0.212	75.0	8 obs.	27 4177
12936	8.9	21 44 14.75	+2.6738	+0.0058	+28 5 19.3	+16.638	+0.211	76.8	5 obs.[3]	28 4204
12937	5.3	44 18.93	2.6486	0.0062	29 35 32.8	16.641	0.208	79.9	6 obs.[4]	29 4525
12938	8.9	44 19.30	2.7178	0.0051	25 24 36.9	16.641	0.214	74.3	6 obs.[5]	25 4626
12939	8.2	44 29.91	2.6559	0.0061	29 11 30.7	16.650	0.209	77.4	5 obs.[6]	29 4526
12940	7.5	44 31.35	2.7246	0.0050	25 0 48.6	16.651	0.214	79.5	6 obs.[7]	24 4483
12941	8.4	21 44 32.25	+2.7199	+0.0051	+25 18 40.1	+16.652	+0.214	76.4	325 334 497	25 4627
12942	9.2	44 38.54	2.6462	0.0063	29 46 59.1	16.657	0.208	87.3	871 1746	29 4527
12943	9.3	44 42.20	2.6880	0.0057	27 18 31.0	16.660	0.211	87.8	1411	27 4178*
12944	9.5	44 48.19	2.6764	0.0059	28 1 19.2	16.665	0.210	86.8	1323	27 4179*
12945	9.5	44 53.35	2.6948	0.0056	26 55 22.9	16.669	0.211	82.8	947	26 4280*
12946	9.5	21 44 54.69	+2.6723	+0.0060	+28 17 15.1	+16.670	+0.210	74.4	130 134 323	28 4208
12947	8.0	45 1.96	2.6743	0.0059	28 11 2.4	16.676	0.210	76.8	263 499 506	28 4209
12948	9.3	45 12.54	2.6454	0.0064	29 54 58.5	16.685	0.207	87.8	1410	29 4528*
12949	9.0	45 16.37	2.6417	0.0065	30 8 24.6	16.688	0.207	79.1	6 obs.[8]	30 4543
12950	9.2	45 20.78	2.6423	0.0065	30 6 58.2	16.691	0.207	80.6	5 obs.[9]	30 4544*

[1] Z. 139 492 702 704 790
[2] » 248 423 686 691 792 799
[3] » 42 254 419 496 873
[4] Z. 681 683 692(2) 700 794
[5] » 40 150 151 252 264 330
[6] » 46 332 408 803 804
[7] Z. 416 607 706 707 708 865
[8] » 131 691 704 708 788 792
[9] » 131 704 792 948 1225

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
12951	8.9	21h 45m 26.17	+2.6687	+0.0060	+28° 35′ 8.0	+16.696	+0.208	78.8	5 obs.[1]	28° 4210
12952	9.4	45 26.25	2.6794	0.0059	27 56 30.8	16.696	0.209	87.8	1408	27 4181*
12953	9.2	45 34.06	2.6508	0.0064	29 40 0.4	16.702	0.207	85.3	871 1482	29 4530*
12954	9.1	45 41.56	2.6597	0.0062	29 9 27.9	16.708	0.207	80.8	683 702 942	29 4531
12955	8.2	45 55.63	2.7097	0.0054	26 9 11.6	16.719	0.211	76.2	7 obs.	26 4283
12956	8.9	21 46 9.58	+2.6747	+0.0060	+28 20 30.2	+16.731	+0.208	78.5	323 499 691 788	28 4212
12957	8.7	46 16.70	2.6463	0.0065	30 2 34.5	16.736	0.206	80.3	692 794	29 4533
12958	8.8	46 22.07	2.7300	0.0051	24 56 6.9	16.741	0.212	92.7	1743 1744	*24 4487*
12959	9.3	46 24.59	2.6780	0.0060	28 10 36.8	16.743	0.208	81.8	871	28 4213*
12960	8.6	46 31.67	2.6941	0.0058	27 12 52.5	16.748	0.209	78.5	28 609 610 1022	27 4184
12961	8.4	21 46 34.61	+2.6546	+0.0064	+29 36 17.8	+16.751	+0.206	82.1	608 1017 1018	29 4535
12962	9.0	46 39.50	2.6924	0.0058	27 20 28.9	16.755	0.209	72.7	25 28	27 4185
12963	8.5	46 47.00	2.7115	0.0055	26 10 12.8	16.761	0.210	74.2	33 320	26 4286
12964	9.1	46 48.56	2.6904	0.0058	27 29 13.7	16.762	0.208	79.8	703	— —
12965	9.0	46 49.77	2.6907	0.0058	27 28 17.7	16.763	0.208	79.5	609 702 703	27 4186
12966	5.9	21 46 55.18	+2.6788	+0.0061	+28 12 31.5	+16.767	+0.207	79.5	323 499 610 1225	28 4215
12967	9.4	47 4.20	2.7233	0.0053	25 27 56.3	16.774	0.210	79.0	334 691 704 790	25 4634
12968	9.0	47 11.88	2.7056	0.0056	26 37 21.7	16.781	0.209	77.1	326 495 500	26 4288
12969	8.9	47 16.90	2.7001	0.0057	26 57 34.3	16.785	0.209	79.8	615 792	26 4289
12970	**5.3**	**47 22.54**	**2.7260**	**0.0053**	**25 20 15.8**	**16.789**	**0.210**		**Fund. Cat.**	**25 4635**
12971	8.6	21 47 30.34	+2.6471	+0.0067	+30 11 55.6	+16.795	+0.203	92.8	1745 1746	30 4551
12972	9.4	47 31.81	2.7004	0.0057	26 58 25.1	16.796	0.208	78.8	615	26 4290*
12973	8.4	47 33.28	2.7290	0.0053	25 10 18.0	16.798	0.210	83.7	1014 1017 1018	25 4636
12974	9.4	47 34.27	2.7107	0.0056	26 20 11.3	16.798	0.209	81.8	871	26 4291*
12975	9.0	47 38.53	2.7047	0.0057	26 43 49.8	16.802	0.208	77.8	326 495 500 702	26 4292
12976	9.4	21 47 51.81	+2.6930	+0.0059	+27 29 18.5	+16.812	+0.207	80.7	787	— —
12977	9.5	47 58.04	2.6985	0.0058	27 9 59.6	16.817	0.207	82.8	948	27 4188*
12978	8.9	48 5.19	2.7323	0.0052	25 2 22.6	16.823	0.210	79.5	334 692 704 942	24 4494
12979	8.9	48 13.84	2.7170	0.0055	26 2 30.7	16.830	0.208	93.7	1849 1850	25 4637
12980	9.2	48 14.93	2.6821	0.0062	28 13 33.8	16.831	0.206	75.7	323	28 4224*
12981	6.8	21 48 19.57	+2.6899	+0.0061	+27 45 24.5	+16.834	+0.206	74.7	25 28 610	27 4191
12982	9.0	48 33.12	2.6615	0.0065	29 31 10.0	16.845	0.203	86.7	787 1742	29 4539
12983	8.9	48 34.02	2.6637	0.0065	29 23 26.5	16.846	0.204	84.1	492 947 1637	29 4540
12984	9.5	48 55.64	2.6881	0.0062	27 57 41.6	16.863	0.205	80.0	36 133 1851	27 4192
12985	8.3	48 57.11	2.6606	0.0066	29 38 21.2	16.864	0.203	77.0	5 obs.[2]	29 4541
12986	9.5	21 49 16.91	+2.6929	+0.0061	+27 43 32.4	+16.880	+0.205	83.3	137 1747	27 4195
12987	9.5	49 19.68	2.6904	0.0062	27 53 8.6	16.882	0.205	81.8	804 942	27 4196
12988	8.4	49 21.93	2.6763	0.0064	28 45 30.1	16.884	0.203	74.7	42 130 499	28 4232
12989	9.2	49 21.98	2.7037	0.0059	27 3 28.1	16.884	0.206	82.8	948	26 4299*
12990	9.0[3]	49 22.63	2.7391	0.0053	24 47 16.0	16.884	0.208	85.8	1225	*24 4498*
12991	9.0	21 49 27.99	+2.7172	+0.0057	+26 12 58.8	+16.888	+0.206	75.5	33 320 326 500	26 4300
12992	9.5	49 28.09	2.6994	0.0060	27 20 42.1	16.889	0.205	81.8	872	27 4197*
12993	9.2	49 37.06	2.6987	0.0060	27 24 50.3	16.896	0.205	80.8	799 802	27 4198
12994	9.1	49 37.89	2.6895	0.0062	27 59 16.7	16.896	0.204	77.8	327 420 787	27 4199
12995	8.9	49 40.23	2.7179	0.0057	26 12 28.3	16.898	0.206	75.5	33 320 326 500	26 4303
12996	9.2	21 49 41.46	+2.7319	+0.0054	+25 18 11.0	+16.899	+0.207	74.8	40 150 497	25 4642*
12997	9.5	49 44.44	2.6858	0.0063	28 14 7.1	16.901	0.203	76.8	323 419 502	28 4233
12998	8.7	49 45.30	2.7315	0.0055	25 20 27.7	16.902	0.207	74.8	40 150 264 497	25 4643
12999	8.9	49 50.92	2.7090	0.0058	26 48 9.3	16.906	0.205	75.4	250(2) 418	26 4304
13000	7.8	49 52.49	2.6531	0.0068	30 14 10.9	16.908	0.201	92.7	1743 1745	30 4558

[1] Z. 254 610 700 703 794 [2] Z. 139 332 521 612 620 [3] Close double; south preceding

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13001	9.4	21h 49m 55.25	+2.7154	+0.0058	+26° 24' 29.5	+16.910	+0.206	75.7	23 421 495	26° 4305
13002	8.9	49 56.37	2.6793	0.0064	28 40 6.4	16.911	0.202	76.8	263 496 512	28 4235
13003	9.3	50 0.55	2.6935	0.0061	27 47 59.5	16.914	0.204	82.3	873 945	27 4201*
13004	9.5	50 2.95	2.6810	0.0064	28 34 49.1	16.916	0.203	83.8	947 1137	28 4236*
13005	9.5	50 5.61	2.6923	0.0062	27 53 27.6	16.918	0.203	73.7	133	— —
13006	9.5	21 50 10.12	+2.6981	+0.0061	+27 32 22.8	+16.922	+0.204	74.8	28 38 335 494	27 4202
13007	8.8	50 10.41	2.6772	0.0065	28 50 7.6	16.922	0.202	76.2	42 134 496 791	28 4237
13008	8.5	50 10.70	2.7252	0.0056	25 48 46.4	16.922	0.206	76.8	6 obs. [1]	25 4644
13009	9.3	50 11.21	2.7089	0.0059	26 51 54.0	16.922	0.205	85.9	1232	26 4306*
13010	9.5	50 13.11	2.6919	0.0062	27 56 7.1	16.924	0.203	81.8	871	27 4203*
13011	9 5	21 50 14.53	+2.7063	+0.0059	+27 1 51.4	+16.925	+0.205	88.8	1483	27 4204*
13012	9.3	50 17.19	2.7105	0.0059	26 46 24.0	16.927	0.205	87.8	1415	26 4307*
13013	8.9	50 18.65	2.6745	0.0065	29 1 42.1	16.928	0.202	75.8	10 obs.	28 4238
13014	9.5	50 20.35	2.7256	0.0056	25 48 57.9	16.929	0.206	74.3	151 252	— —
13015	9.0	50 20.39	2.6579	0.0068	30 1 56.3	16.929	0.201	92.7	1742 1746	29 4543
13016	8.5	21 50 22.09	+2.6781	+0.0065	+28 48 42.2	+16.931	+0.202	75.5	254 263 419	28 4239
13017	9.4	50 27.56	2.6916	0.0062	27 59 30.4	16.935	0.203	76.0	5 obs. [2]	27 4206
13018	9.4	50 30.94	2.6888	0.0063	28 10 52.5	16.938	0.202	84.8	873 1421	28 4240*
13019	9.4	50 37.96	2.6959	0.0062	27 45 13.8	16.943	0.203	90.9	1609	27 4207*
13020	8.8	50 38.35	2.7257	0.0056	25 51 19.1	16.944	0.206	75.8	150 334 515	25 4648
13021	8.8	21 50 39.22	+2.7240	+0.0057	+25 58 6.1	+16.944	+0.205	77.5	325 334 803	25 4647
13022	8.8	50 40.29	2.7269	0.0056	25 46 45.3	16.945	0.206	79.8	5 obs. [3]	25 4649
13023	8.9	50 41.27	2.7089	0.0060	26 56 20.9	16.946	0.204	76.4	6 obs. [4]	26 4310
13024	8.8	50 50.84	2.7297	0.0056	25 37 30.5	16.953	0.206	76.3	264 497	25 4650
13025	9.5	50 53.82	2.6754	0.0066	29 4 16.5	16.955	0.201	82.8	948	28 4242*
13026	9.3	21 50 59.45	+2.7004	+0.0062	+27 31 51.4	+16.960	+0.203	84.1	945 1124 1126	27 4208*
13027	9.2	50 59.75	2.6955	0.0063	27 50 21.0	16.960	0.202	87.8	1328 1411 1484	27 4209*
13028	9.0	51 2.60	2.6557	0.0070	30 17 2.5	16.962	0.200	93.7	5 obs. [5]	*30 4562*
13029	9.1	51 8.75	2.7092	0.0060	26 59 41.5	16.967	0.203	87.1	1225 1412 1419	26 4312*
13030	8.8	51 21.82	2.6854	0.0065	28 31 35.8	16.977	0.201	79.5	130 499 502 1485	28 4243
13031	9.5	21 51 27.62	+2.6827	+0.0066	+28 42 40.5	+16.982	+0.201	83.3	872 1131	28 4244*
13032	8.5	51 28.49	2.7036	0.0062	27 23 59.4	16.983	0.202	74.4	6 obs. [6]	27 4210
13033	9.4	51 30.36	2.6849	0.0065	28 35 13.8	16.984	0.201	84.7	1122	28 4245*
13034	8.6	51 33.83	2.7124	0.0060	26 51 39.4	16.987	0.202	75.8	33 336 418 500	26 4313
13035	9.5	51 34.26	2.6859	0.0065	28 32 5.3	16.987	0.201	83.8	947 1121	28 4246*
13036	8.9	21 51 34.77	+2.7037	+0.0062	+27 25 0.2	+16.987	+0.202	75.2	25 491	27 4211
13037	7.5	51 35.77	2.6908	0.0064	28 13 48.6	16.988	0.201	75.5	42 254 323 620	28 4247
13038	9.5	51 50.59	2.6635	0.0070	29 57 12.7	17.000	0.198	87.8	1408 1409	29 4547*
13039	8.5	51 52.58	2.6898	0.0065	28 20 29.0	17.001	0.201	80.3	259 496 506 1604	28 4248
13040	7.2	51 53.32	2.6838	0.0066	28 43 0.3	17.002	0.200	76.5	254 419 512	28 4249
13041	9.5	21 51 58.72	+2.6837	+0.0066	+28 44 16.0	+17.006	+0.200	87.8	1413	28 4250*
13042	7.9	52 1.60	2.6928	0.0065	28 10 32.7	17.008	0.201	76.8	259 499 502	28 4251
13043	9.1	52 5.88	2.6911	0.0065	28 17 46.8	17.012	0.201	84.8	1134 1135	28 4252*
13044	9.2	52 8.18	2 7180	0.0060	26 35 20.3	17.013	0.202	75.5	5 obs. [7]	26 4314
13045	9.0	52 8.39	2.7062	0.0062	27 20 54.5	17.013	0.202	79.8	6 obs. [8]	27 4213
13046	9.0	21 52 8.47	+2.7230	+0.0059	+26 15 39.0	+17.014	+0.203	76.8	326 500	26 4315
13047	8.7	52 10.79	2.7176	0.0060	26 37 15.7	17.015	0.202	84.2	250 1850	26 4316
13048	8.8	52 12.08	2.6945	0.0064	28 5 48.1	17.016	0.201	82.4	263 612 1854	28 4253
13049	9.0	52 15.16	2.6829	0.0067	28 49 54.2	17.019	0.200	76.7	130 323 791	28 4254
13050	8.6	52 22.02	2.7285	0.0058	25 56 39.3	17.024	0.203	77.2	9 obs.	25 4652

[1] Z. 151 252 264 515 683 700
[2] » 36 137 327 335 872
[3] » 683 689 691 700 704
[4] Z. 32 336 421 495 503 (2)
[5] » 1851 1852 1853 1861 1863
[6] » 28 36 38 133 420 491
[7] Z. 32 250 320 421 495
[8] » 137 335 610 800 1129 1130

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13051	9.4	21h 52m 22.22	+2.7090	+0.0062	+27° 12′ 25.0	+17.024	+0.201	84.3	947 1230	27° 4214*
13052	9.5	52 26.30	2.7151	0.0061	26 49 29.8	17.027	0.202	72.7	23	— —
13053	9.3	52 26.69	2.6706	0.0069	29 37 32.0	17.028	0.198	86.3	873 1605	29 4548*
13054	9.3	52 32.67	2.6719	0.0069	29 33 51.3	17.032	0.198	88.9	1328 1607	— —
13055	9.2	52 38.37	2.6637	0.0070	30 4 38.0	17.037	0.197	87.3	1321 1415	29 4549*
13056	9.5	21 52 38.38	+2.7431	+0.0055	+25 1 6.5	+17.037	+0.204	80.8	802 (2)	24 4510*
13057	9.5	52 45.17	2.7082	0.0063	27 19 10.6	17.042	0.201	80.7	787	27 4215*
13058	9.0	52 49.33	2.7376	0.0056	25 24 56.8	17.045	0.203	73.8	40 151 264	25 4653
13059	8.8	52 50.47	2.7163	0.0061	26 48 49.3	17.046	0.201	74.3	5 obs.[1]	26 4319
13060	9.4	52 52.66	2.6940	0.0065	28 14 35.8	17.048	0.200	88.3	1416 1483	28 4255*
13061	9.4	21 52 59.82	+2.7429	+0.0055	+25 5 19.6	+17.053	+0.203	80.9	804	24 4512*
13062	7.4	53 8.90	2.6790	0.0068	29 13 45.7	17.060	0.198	76.5	7 obs.	29 4550
13063	8.8	53 13.35	2.6630	0.0071	30 13 27.8	17.063	0.197	92.7	1742 1743	30 4574
13064	9.1	53 18.18	2.7080	0.0063	27 25 7.6	17.067	0.200	74.5	5 obs.[2]	27 4217
13065	8.8	53 18.78	2.6750	0.0069	29 30 9.5	17.068	0.197	75.5	139 247 407 408	29 4552
13066	9.3	21 53 19.11	+2.6715	+0.0069	+29 43 8.4	+17.068	+0.197	86.1	945 1323 1485	29 4551*
13067	9.1	53 20.06	2.7240	0.0060	26 23 18.6	17.069	0.201	87.1	1225 1411 1419	26 4320*
13068	9.2	53 32.92	2.6925	0.0066	28 27 9.4	17.078	0.198	81.8	873	28 4258*
13069	9.5	53 34.00	2.6678	0.0071	29 59 24.8	17.079	0.196	82.8	43 1745	29 4553
13070	8.7	53 35.16	2.6989	0.0065	28 2 58.0	17.080	0.199	79.3	133 335 799 1328	27 4219
13071	9.1	21 53 35.59	+2.7189	+0.0061	+26 46 0.6	+17.080	+0.201	90.8	1608	26 4321*
13072	7.5	53 37.66	2.6689	0.0070	29 56 4.4	17.082	0.196	75.7	139 332 492	29 4554
13073	9.4	53 39.01	2.7294	0.0059	26 5 12.4	17.083	0.201	79.9	708	25 4654*
13074	9.5	53 40.01	2.6951	0.0066	28 18 28.8	17.084	0.198	82.8	948	28 4259*
13075	9.3	53 40.71	2.6782	0.0069	29 22 15.7	17.084	0.197	85.8	1228	29 4555*
13076	8.2	21 53 49.12	+2.6799	+0.0069	+29 17 11.9	+17.091	+0.197	78.1	6 obs.[3]	29 4556
13077	8.5	53 57.89	2.7078	0.0064	27 32 32.8	17.097	0.199	75.7	137 327 491	27 4220
13078	9.2	53 59.22	2.6785	0.0069	29 24 12.2	17.098	0.197	88.1	1230 1231 1484 1637	29 4558*
13079	9.0	54 0.16	2.7341	0.0059	25 50 9.5	17.099	0.201	75.9	8 obs.	25 4655
13080	9.5	54 10.86	2.7130	0.0063	27 14 59.3	17.107	0.199	89.8	5 obs.[4]	27 4222
13081	9.4	21 54 11.44	+2.7311	+0.0059	+26 3 35.0	+17.108	+0.201	79.9	708	25 4656*
13082	9.0	54 13.90	2.7388	0.0058	25 33 28.9	17.110	0.201	74.6	150 151 264 334	25 4657
13083	9.3	54 15.50	2.6934	0.0067	28 31 12.4	17.111	0.197	75.1	42 259 263 502	28 4261
13084	9.3	54 19.39	2.6703	0.0071	29 58 7.6	17.114	0.196	78.1	8 obs.	29 4559
13085	7.8	54 24.93	2.7298	0.0060	26 11 6.1	17.118	0.200	75.2	6 obs.[5]	26 4323
13086	9.5	21 54 27.68	+2.6874	+0.0068	+28 56 3.8	+17.120	+0.197	75.8	130 259 419 496	28 4262
13087	9.4	54 35.55	2.7466	0.0057	25 5 18.2	17.126	0.201	82.1	6 obs.[6]	24 4516*
13088	8.7	54 35.81	2.7250	0.0061	26 31 50.0	17.126	0.200	74.4	23 250 326	26 4324
13089	8.8	54 37.27	2.7024	0.0066	28 0 0.3	17.127	0.197	74.3	5 obs.[7]	27 4224
13090	9.0	54 47.84	2.6831	0.0070	29 15 42.5	17.135	0.196	74.8	5 obs.[8]	29 4560
13091	9.4	21 54 48.06	+2.7051	+0.0065	+27 51 47.4	+17.135	+0.197	75.7	137 491	27 4226
13092	9.1	54 55.96	2.6822	0.0070	29 20 33.2	17.141	0.196	86.8	1232 1414	29 4561*
13093	8.3	54 57.50	2.7360	0.0060	25 52 3.8	17.142	0.199	74.8	40 151 252 515	25 4658
13094	9.5	55 2.33	2.6922	0.0068	28 43 53.0	17.146	0.196	86.8	1320	28 4264*
13095	9.4	55 4.33	2.6693	0.0073	30 9 53.0	17.148	0.195	88.3	1416 1483	30 4583*
13096	9.0	21 55 5.53	+2.7195	+0.0063	+26 58 36.2	+17.149	+0.198	75.8	7 obs.	26 4327
13097	8.2	55 12.12	2.7125	0.0065	27 26 53.3	17.154	0.197	74.1	36 137 327	27 4228
13098	9.0	55 15.50	2.7493	0.0057	25 0 20.7	17.156	0.200	80.8	802 (2)	24 4518*
13099	9.3	55 15.85	2.6903	0.0069	28 53 9.6	17.157	0.196	75.4	5 obs.[9]	28 4265
13100	9.3	55 17.79	2.7364	0.0060	25 53 20.6	17.158	0.199	86.8	1225 1409	25 4659*

[1] Z. 23 33 144 326 418
[2] » 28 36 38 327 610
[3] » 247 493 521 620 (2) 791
[4] Z. 133 1850 1857 1861 1862
[5] » 32 33 144 421 495 500
[6] » 691 702 804 947 1124 1126
[7] Z. 25 28 36 38 799
[8] » 43 131 247 332 423
[9] » 42 130 263 499 506

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13101	9.2	21h 55m 22.s19	+2.s7348	+0.s0060	+26° 0' 38."9	+17."161	+0."199	80.3	689 803	25° 4660*
13102	8.2	55 25.09	2.6705	0.0073	30 9 17.9	17.163	0.194	84.8	1129 1130 1134	30 4587
13103	9.0	55 29.25	2.7349	0.0061	26 1 6.4	17.167	0.198	79.8	689 708	25 4661*
13104	7.9	55 29.49	2.7317	0.0061	26 13 47.7	17.167	0.198	74.4	32 33 495	26 4328
13105	9.4	55 37.82	2.7166	0.0064	27 15 1.8	17.173	0.197	84.8	948 1323	27 4230*
13106	9.1	21 55 40.58	+2.7309	+0.0062	+26 18 51.8	+17.175	+0.198	76.3	250 336 418 500	26 4329
13107	9.3	55 43.26	2.7141	0.0065	27 25 59.1	17.177	0.197	90.8	1605 1607	27 4231*
13108	9.2	55 45.04	2.7173	0.0064	27 13 28.1	17.178	0.197	84.8	5 obs.[1]	27 4233*
13109	8.9	55 49.78	2.6937	0.0069	28 46 32.0	17.182	0.195	76.1	6 obs.[2]	28 4269
13110	9.5	55 50.12	2.6747	0.0073	29 58 10.0	17.182	0.193	73.7	139	— —
13111	9.0	21 55 53.99	+2.7172	+0.0065	+27 15 29.6	+17.185	+0.197	74.1	6 obs.[3]	27 4234
13112	9.1	55 54.85	2.6800	0.0072	29 38 51.3	17.186	0.194	85.9	1230 1231	29 4563*
13113	8.0	56 0.36	2.7398	0.0060	25 46 34.3	17.190	0.198	78.5	9 obs.	25 4662
13114	8.5	56 3.69	2.7116	0.0066	27 39 7.3	17.193	0.196	74.4	133 137 327	27 4235
13115	9.1	56 6.12	2.6890	0.0070	29 6 49.9	17.195	0.195	87.3	1328 1413	29 4564*
13116	9.4	21 56 13.06	+2.6865	+0.0071	+29 17 49.6	+17.200	+0.194	80.8	791	— —
13117	9.1	56 18.74	2.7335	0.0062	26 14 42.5	17.204	0.197	87.8	1327 1486	26 4333*
13118	9.4	56 19.20	2.6801	0.0072	29 43 3.4	17.204	0.193	86.8	1316	29 4565*
13119	9.5	56 20.67	2.6935	0.0070	28 52 28.6	17.205	0.195	73.7	130	— —
13120	9.5	56 36.44	2.7109	0.0067	27 47 30.2	17.217	0.196	87.3	873 1746	27 4237
13121	8.4	21 56 36.48	+2.7053	+0.0068	+28 9 42.9	+17.217	+0.195	77.0	259 496 502 506	28 4272
13122	9.3	56 42.49	2.7077	0.0068	28 0 49.2	17.222	0.195	80.8	799	— —
13123	9.0	56 45.72	2.7442	0.0060	25 36 0.4	17.224	0.198	74.6	40 150 264 416	25 4663
13124	9.0	56 49.87	2.6934	0.0071	28 57 49.7	17.227	0.193	75.8	5 obs.[4]	28 4273
13125	9.2	56 51.70	2.7217	0.0065	27 7 19.8	17.228	0.196	83.8	500 945 1609	27 4239*
13126	9.3	21 56 53.97	+2.7482	+0.0059	+25 21 2.2	+17.230	+0.198	85.9	1232	25 4664*
13127	9.5	56 58.96	2.7288	0.0064	26 40 29.9	17.234	0.196	74.0	23 32 33 495	26 4335
13128	9.0	57 1.37	2.7226	0.0065	27 5 26.0	17.236	0.196	75.6	6 obs.[5]	26 4337
13129	9.4	57 1.87	2.7355	0.0062	26 13 57.1	17.236	0.197	88.2	1414 1421 1483	26 4336*
13130	8.8	57 7.57	2.7105	0.0068	27 54 31.8	17.240	0.194	80.1	7 obs.	27 4241
13131	9.4	21 57 10.62	+2.7396	+0.0061	+25 58 25.3	+17.243	+0.197	85.8	1225	— —
13132	9.0	57 11.08	2.7242	0.0065	27 0 55.3	17.243	0.196	81.8	872	26 4339*
13133	8.9	57 14.19	2.6781	0.0074	30 0 53.6	17.245	0.192	75.6	5 obs.[6]	29 4566
13134	7.7	57 14.79	2.6756	0.0075	30 10 6.2	17.246	0.192	92.7	1742 1743	30 4591
13135	7.8	57 17.93	2.6928	0.0071	29 5 4.7	17.248	0.193	77.6	7 obs.	28 4274
13136	9.4	21 57 22.17	+2.6773	+0.0075	+30 5 19.0	+17.251	+0.192	77.4	423 492 501	29 4567
13137	9.5	57 28.93	2.7259	0.0065	26 57 19.2	17.256	0.195	82.8	947	26 4341*
13138	7.0	57 38.07	2.6857	0.0073	29 35 57.9	17.263	0.192	77.5	247 493 608 612	29 4568
13139	9.5	57 41.55	2.6986	0.0071	28 47 12.3	17.266	0.193	81.8	873	28 4276*
13140	7.7	57 43.10	2.6930	0.0072	29 8 44.4	17.267	0.192	81.0	5 obs.[7]	29 4569
13141	9.2	21 57 46.67	+2.7533	+0.0059	+25 8 5.1	+17.269	+0.197	79.8	702 703	25 4665*
13142	7.5	57 47.76	2.6888	0.0073	29 26 1.5	17.270	0.192	76.8	139 521 620	29 4570
13143	9.0	57 53.89	2.7487	0.0060	25 28 27.8	17.275	0.196	75.5	6 obs.[8]	25 4666
13144	8.5	57 54.44	2.7360	0.0063	26 20 43.0	17.275	0.195	74.4	23 33 500	26 4342
13145	9.3	57 57.91	2.6869	0.0074	29 35 8.1	17.277	0.191	82.8	948	29 4571*
13146	9.0	21 58 0.17	+2.7320	+0.0064	+26 37 47.8	+17.279	+0.195	73.7	140	26 4343*
13147	7.7	58 19.39	2.7162	0.0067	27 44 37.6	17.294	0.193	74.1	36 38 420	27 4243
13148	9.5	58 20.44	2.7465	0.0061	25 42 1.0	17.294	0.195	83.8	947 1129	25 4668*
13149	8.2	58 23.40	2.6771	0.0076	30 17 9.4	17.297	0.190	93.7	1849 1850	*30 4597*
13150	9.3	58 32.49	2.7221	0.0067	27 23 1.0	17.303	0.193	85.1	704 1316 1486	27 4244*

[1] Z. 945 947 948 1419 1420
[2] » 42 134 419 496 502 512
[3] » 25 28 38 133 335 420
[4] Z. 134 259 263 499 512
[5] » 144 250 326(2) 418 421
[6] » 43 131 332 501 521
[7] Z. 139 423 492 1416 1485
[8] » 40 150 264 334 497 515

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13151	9.3	21h 58m 40.53	+2.7139	+0.0069	+27° 57′ 20.9	+17.309	+0.192	74.5	25 28 137 610	27° 4245
13152	8.6	58 46.47	2.7423	0.0063	26 3 34.9	17.314	0.194	76.6	5 obs.[1]	25 4669
13153	7.5	58 47.77	2.7569	0.0060	25 3 12.6	17.315	0.195	78.5	6 obs.[2]	24 4525
13154	9.5	58 51.75	2.7385	0.0064	26 20 19.2	17.317	0.194	72.7	32	26 4345*
13155	9.3	58 57.08	2.7026	0.0071	28 45 23.9	17.321	0.191	88.8	1484	28 4279*
13156	8.8	21 58 58.01	+2.7428	+0.0063	+26 3 35.8	+17.322	+0.194	75.8	8 obs.	25 4670
13157	8.7	58 58.65	2.6934	0.0073	29 21 14.1	17.323	0.191	74.7	43 131 332 408	29 4573
13158	9.0	59 5.86	2.7282	0.0066	27 4 38.5	17.328	0.193	76.1	5 obs.[3]	26 4346
13159	9.2	59 9.81	2.6940	0.0073	29 21 11.8	17.331	0.190	83.4	131 1415 1483	29 4575*
13160	8.8	59 14.33	2.6814	0.0076	30 10 20.1	17.334	0.189	92.7	1742 1743	30 4604
13161	9.5	21 59 15.64	+2.7013	+0.0072	+28 53 27.2	+17.335	+0.191	77.7	496	28 4280*
13162	9.0	59 19.66	2.6987	0.0073	29 4 23.3	17.338	0.191	82.8	947	28 4281*
13163	9.3	59 20.61	2.7184	0.0069	27 46 35.0	17.339	0.192	89.0	686 1851 1852	27 4250
13164	9.5	59 22.54	2.7281	0.0067	27 7 42.7	17.340	0.193	81.8	872	27 4249*
13165	9.1	59 23.66	2.6947	0.0073	29 20 57.2	17.341	0.190	81.4	139 501 1744	29 4576
13166	9.3	21 59 25.43	+2.7087	+0.0071	+28 26 5.7	+17.342	+0.191	85.9	1230	— —
13167	8.8	59 25.99	2.7584	0.0060	25 3 17.5	17.343	0.195	77.6	6 obs.[4]	24 4526
13168	6.2	59 27.53	2.7440	0.0063	26 3 58.4	17.344	0.193	78.2	5 obs.[5]	25 4671
13169	8.4	59 31.19	2.6963	0.0073	29 15 42.6	17.346	0.190	83.3	612 1126 1131 1133	29 4578
13170	9.5	59 33.25	2.7116	0.0070	28 15 46.2	17.348	0.191	82.3	873 948	28 4282*
13171	9.5	21 59 33.40	+2.7113	+0.0070	+28 16 57.9	+17.348	+0.191	82.8	948	— —
13172	9.5	59 41.69	2.7017	0.0073	28 56 40.9	17.354	0.190	79.3	130 259 496 1605	28 4283
13173	9.4	59 45.99	2.6896	0.0075	29 44 43.4	17.357	0.189	80.8	43 1485	29 4579
13174	9.0	59 46.83	2.7237	0.0068	27 29 59.0	17.358	0.192	72.7	28 38	27 4251
13175	5.9	59 54.90	2.7112	0.0071	28 21 25.6	17.364	0.191	79.1	259 499 1135	28 4284
13176	9.2	21 59 55.59	+2.7102	+0.0071	+28 25 28.0	+17.364	+0.191	81.6	5 obs.[6]	28 4285
13177	9.0	59 59.41	2.7592	0.0060	25 5 55.4	17.367	0.194	80.3	6 obs.[7]	25 4672
13178	7.6[8]	22 0 7.06	2.6975	0.0074	29 17 59.0	17.373	0.189	76.7	139 408 691	29 4582
13179	8.0	0 12.25	2.7268	0.0068	27 21 57.7	17.376	0.191	82.4	704 1017 1018	27 4252
13180	9.2	0 14.07	2.7258	0.0069	27 26 6.8	17.378	0.191	86.3	1121 1419	27 4253*
13181	9.4	22 0 18.88	+2.6831	+0.0077	+30 15 58.7	+17.381	+0.187	88.8	1316 1608	*30 4608*
13182	8.5	0 36.69	2.7430	0.0065	26 19 46.1	17.394	0.191	75.1	6 obs.[9]	26 4348
13183	9.1	0 38.96	2.7482	0.0064	25 58 36.9	17.396	0.192	84.8	1127 1129	25 4673*
13184	8.3	0 54.60	2.6895	0.0077	29 57 48.6	17.407	0.187	85.8	612 1747	29 4585
13185	9.0	0 54.88	2.7015	0.0074	29 11 26.1	17.407	0.188	76.8	43 131 692 791	29 4584
13186	8.6	22 0 57.44	+2.7103	+0.0073	+28 36 27.0	+17.409	+0.189	76.3	259 496	28 4289
13187	8.0	0 57.94	2.6842	0.0078	30 19 14.8	17.409	0.187	92.8	1748 1749	*30 4614*
13188	8.2	1 3.23	2.7239	0.0070	27 42 34.6	17.413	0.189	81.7	38 610 1850	27 4255
13189	9.4	1 6.16	2.7127	0.0073	28 28 14.4	17.416	0.188	86.3	1124 1416	28 4290*
13190	9.2	1 8.79	2.7172	0.0072	28 10 56.8	17.417	0.189	85.8	1126 1328	28 4291*
13191	8.7	22 1 10.98	+2.7598	+0.0062	+25 14 40.1	+17.419	+0.192	80.3	6 obs.[10]	25 4675
13192	7.8	1 14.68	2.7491	0.0064	26 0 49.3	17.422	0.191	77.8	252 497 803	25 4676
13193	8.7	1 20.21	2.7303	0.0069	27 19 34.6	17.426	0.189	81.8	804 865 869 942	27 4256
13194	8.5	1 20.34	2.7433	0.0066	26 25 52.8	17.426	0.190	80.0	5 obs.[11]	26 4350
13195	9.3	1 29.24	2.7310	0.0069	27 18 17.2	17.432	0.189	89.5	1323 1414 1861	— —
13196	7.2	22 1 29.68	+2.6952	+0.0077	+29 42 31.9	+17.432	+0.187	78.7	139 1022	29 4586
13197	9.1	1 32.54	2.6947	0.0077	29 44 42.3	17.435	0.187	84.8	1131 1133	29 4587*
13198	9.5	1 33.31	2.6912	0.0078	29 58 51.0	17.435	0.186	88.8	1484	29 4588*
13199	9.2	1 34.51	2.6901	0.0078	30 3 17.3	17.436	0.186	82.4	702 1017 1024	29 4589
13200	8.8	1 36.76	2.7344	0.0068	27 5 42.4	17.438	0.189	75.7	32 416 495	26 4351

[1] Z. 40 252 416 497 803
[2] » 151 334 691 692 802 804
[3] » 33 326 418 495 500
[4] » 264 325 334 691 692 702
[5] Z. 252 497 607 686 689
[6] » 787 792 799 800 1137
[7] » 692 702 703 792 802 804
[8] Double; north following
[9] Z. 23 32 250 326 418 495
[10] » 692 703 704 787 800 802
[11] » 23 250 500 1327 1420

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13201	9.3	22h 1m 41:89	+2:7320	+0:0069	+27° 16' 32:1	+17:441	+0:189	91.3	1483 1857	27° 4257*
13202	8.3	1 43.01	2.7642	0.0062	25 1 35.9	17.442	0.191	81.5	703 802 1023	24 4536
13203	8.9	1 43.07	2.7240	0.0071	27 49 54.5	17.442	0.188	83.4	945 1020 1024	27 4258
13204	8.9	1 47.79	2.7164	0.0073	28 21 11.0	17.446	0.188	78.8	259 942	28 4293
13205	9.4	1 48.05	2.6967	0.0077	29 39 57.0	17.446	0.187	83.7	1018 1022	29 4590
13206	8.6	22 1 55.58	+2.7545	+0.0064	+25 45 1.6	+17.451	+0.190	81.8	607 804 1018 1020	25 4677
13207	8.8	1 55.68	2.7270	0.0071	27 39 27.2	17.451	0.188	86.8	787 1746	27 4260
13208	9.3	2 6.65	2.7295	0.0070	27 31 21.3	17.459	0.188	89.2	1231 1413 1862	27 4261*
13209	9.5	2 12.35	2.6936	0.0078	29 56 41.8	17.463	0.186	89.5	43 1849 1978 1979	29 4591
13210	9.4	2 12.92	2.7636	0.0062	25 9 12.8	17.464	0.191	90.3	1316 1867	25 4680*
13211	8.6	22 2 18.20	+2.7461	+0.0067	+26 24 10.7	+17.467	+0.189	76.0	36 326 495 500	26 4352
13212	9.3	2 23.66	2.7014	0.0077	29 27 58.2	17.471	0.186	80.2	5 obs.[1]	29 4592
13213	8.7	2 24.89	2.7280	0.0071	27 40 34.2	17.472	0.188	77.8	38 610 692 700	27 4262
13214	7.8	2 25.61	2.7074	0.0076	29 4 25.5	17.473	0.186	78.7	496 691	28 4295
13215	7.0	2 31.17	2.7674	0.0062	24 56 2.1	17.477	0.190	75.1	150 151 252 515	24 4540
13216	9.0	22 2 39.82	+2.7323	+0.0070	+27 26 3.3	+17.483	+0.188	80.7	7 obs.	27 4263
13217	8.9	2 44.24	2.7402	0.0068	26 53 47.6	17.486	0.188	73.4	23 32 250	26 4354
13218	9.0	2 44.39	2.7224	0.0072	28 7 27.8	17.486	0.187	74.1	42 249 259	28 4297
13219	8.6	2 54.84	2.7315	0.0070	27 32 4.3	17.493	0.188	80.5	702 802 804	27 4265
13220	9.2	2 55.76	2.7160	0.0074	28 35 39.7	17.494	0.186	86.8	1321	28 4298*
13221	9.0	22 3 5.70	+2.7153	+0.0075	+28 40 15.7	+17.501	+0.186	75.1	130 263 419	28 4299
13222	9.1	3 12.99	2.7269	0.0072	27 54 14.0	17.506	0.187	76.7	25 799	27 4266
13223	9.2	3 16.25	2.7332	0.0071	27 28 24.6	17.509	0.187	83.3	869 1126	27 4267*
13224	9.0	3 22.76	2.7318	0.0071	27 35 53.3	17.513	0.187	83.0	5 obs.[2]	27 4268
13225	9.3	3 28.24	2.6979	0.0079	29 54 20.8	17.517	0.184	84.8	1131	29 4594*
13226	9.0	22 3 34.09	+2.7411	+0.0070	+26 59 1.0	+17.521	+0.187	74.8	144 250 326	26 4356
13227	9.0	3 34.16	2.7341	0.0071	27 28 1.4	17.522	0.186	83.6	6 obs.[3]	27 4270
13228	9.1	3 35.61	2.6930	0.0080	30 15 29.3	17.523	0.183	85.9	1232	30 4617*
13229	9.3	3 38.08	2.7562	0.0066	25 55 57.7	17.524	0.188	75.5	6 obs.[4]	25 4681
13230	9.5	3 43.62	2.7049	0.0078	29 29 10.0	17.528	0.184	73.7	139	— —
13231	8.9	22 3 44.38	+2.7533	+0.0067	+26 9 20.9	+17.529	+0.187	76.0	5 obs.[5]	26 4358
13232	8.8	3 49.10	2.6986	0.0079	29 55 30.7	17.532	0.183	76.3	6 obs.[6]	29 4595
13233	9.2	3 54.45	2.6966	0.0080	30 4 26.2	17.536	0.183	84.9	1137	29 4596*
13234	9.0	3 57.33	2.7314	0.0072	27 44 5.8	17.538	0.185	73.5	28 36 38 327	27 4271
13235	9.2	4 6.77	2.7312	0.0072	27 46 3.8	17.545	0.185	85.9	1231	27 4272*
13236	9.2	22 4 28.87	+2.7016	+0.0080	+29 51 20.5	+17.560	+0.183	77.0	139 247 620 792	29 4599
13237	9.3	4 38.68	2.7337	0.0073	27 41 43.2	17.567	0.185	79.1	9 obs.	27 4274
13238	8.5	4 40.21	2.7361	0.0072	27 32 7.2	17.568	0.185	78.6	5 obs.[7]	27 4275
13239	8.7	4 49.07	2.7239	0.0075	28 24 55.0	17.575	0.184	75.8	42 249 496 499	28 4304
13240	9.1	4 49.54	2.7036	0.0079	29 47 20.0	17.575	0.182	77.8	5 obs.[8]	29 4600
13241	9.3	22 4 50.92	+2.7005	+0.0080	+30 0 9.2	+17.576	+0.182	79.8	612 787	29 4601
13242	8.2	4 51.79	2.6976	0.0081	30 11 57.0	17.576	0.182	77.4	423 493 501	30 4623
13243	9.0	4 51.84	2.7588	0.0067	25 57 46.8	17.576	0.186	75.0	5 obs.[9]	25 4683
13244	8.8	4 57.68	2.7223	0.0076	28 33 8.1	17.581	0.183	75.5	259 263 419	28 4305
13245	9.1	5 1.12	2.7105	0.0078	29 21 45.2	17.583	0.183	80.6	6 obs.[10]	29 4602
13246	8.5	22 5 8.05	+2.7700	+0.0065	+25 12 0.2	+17.588	+0.187	76.3	264 334 416 497	25 4684
13247	9.4	5 9.59	2.7496	0.0070	26 40 30.9	17.589	0.185	77.8	500	26 4360*
13248	6.5	5 13.01	2.7026	0.0080	29 56 18.3	17.591	0.182	80.5	521 692 800 1020	29 4604
13249	9.4	5 13.05	2.7132	0.0078	29 13 1.5	17.591	0.183	72.7	30	29 4603*
13250	8.5	5 15.42	2.7161	0.0077	29 1 40.3	17.593	0.183	74.7	42 130 496	28 4307

[1] Z. 131 620 865 948 1023
[2] » 700 802 1017 1018 1328
[3] » 420 692 702 804 865 942
[4] » 150 151 264 334 416 497
[5] Z. 32 326 336 495 500
[6] » 43 131 423 493 501 612
[7] » 335 420 686 708 802
[8] Z. 43 131 247 792 1328
[9] » 150 151 252 264 515
[10] » 501 700 707 803 865 1018

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13251	9.2	22h 5m 16.59	+2.7198	+0.0077	+28° 46' 55.0	+17.594	+0.183	76.3	263 499	28° 4308
13252	9.0	5 16.98	2.7497	0.0070	26 41 21.8	17.594	0.185	75.3	5 obs.[1]	26 4361
13253	9.0	5 21.66	2.7477	0.0071	26 50 37.5	17.597	0.185	76.1	144 336 421 505	26 4362
13254	9.0	5 22.83	2.7053	0.0080	29 47 8.9	17.598	0.182	92.8	1746 1747	29 4605
13255	8.7	5 23.79	2.7530	0.0069	26 28 33.0	17.599	0.185	79.0	7 obs.[2]	26 4363
13256	9.1	22 5 24.10	+2.7594	+0.0067	+26 0 41.7	+17.599	+0.185	79.0	5 obs.[3]	25 4685
13257	7.2	5 31.15	2.7442	0.0071	27 7 17.8	17.604	0.184	74.1	5 obs.[4]	27 4276
13258	7.2	5 41.98	2.7231	0.0077	28 38 22.2	17.611	0.182	80.8	419 1124	28 4309
13259	9.3	5 43.39	2.7212	0.0077	28 46 42.0	17.612	0.182	77.1	249 506 610	28 4310
13260	8.9	5 49.25	2.7337	0.0074	27 55 15.2	17.617	0.183	74.7	25 36 327 494	27 4279
13261	8.5	22 5 49.27	+2.7369	+0.0074	+27 41 43.8	+17.617	+0.183	79.5	335 508 1126	27 4278
13262	8.3	5 50.38	2.7518	0.0070	26 38 34.0	17.617	0.184	77.9	6 obs.[5]	26 4365
13263	8.6	5 52.98	2.7675	0.0066	25 30 38.1	17.619	0.185	74.1	150 151 252	25 4686
13264	9.0	5 54.88	2.7479	0.0071	26 55 56.7	17.620	0.184	76.3	336 421	26 4366
13265	9.3	5 55.80	2.7282	0.0076	28 19 34.7	17.621	0.182	78.4	5 obs.[6]	28 4311
13266	9.4	22 6 7.61	+2.7754	+0.0065	+24 58 9.1	+17.629	+0.185	81.9	874	24 4547*
13267	8.0	6 12.89	2.7696	0.0066	25 25 3.7	17.633	0.185	78.8	264 334 497 1321	25 4689
13268	9.3	6 20.35	2.7639	0.0068	25 51 33.9	17.638	0.184	76.5	252 416 515	25 4690
13269	8.7	6 22.75	2.7277	0.0077	28 26 46.0	17.640	0.182	74.5	44 130 134 499	28 4312
13270	9.5	6 28.25	2.7491	0.0071	26 57 9.5	17.644	0.183	77.8	505	26 4370*
13271	8.3	22 6 34.82	+2.7780	+0.0065	+24 52 0.1	+17.648	+0.185	83.8	874 1127 1129	*24 4550*
13272	8.7	6 36.75	2.7546	0.0070	26 35 8.4	17.650	0.183	75.3	32 144 418 495	26 4371
13273	9.2	6 37.83	2.7031	0.0082	30 11 0.0	17.650	0.180	92.8	1750 1751	30 4635
13274	9.4	6 41.27	2.7253	0.0078	28 40 11.5	17.653	0.181	72.8	42	28 4314*
13275	9.4	6 45.95	2.7596	0.0069	26 14 56.5	17.656	0.183	81.8	873	— —
13276	8.7	22 6 51.23	+2.7591	+0.0070	+26 18 4.4	+17.659	+0.183	75.5	23 250 421 500	26 4373
13277	8.2	6 57.76	2.7128	0.0081	29 35 32.4	17.664	0.179	76.5	332 422 423	29 4607
13278	9.4	7 1.84	2.7791	0.0065	24 51 35.9	17.667	0.184	83.8	869 1131 1137	*24 4551*
13279	9.0	7 11.81	2.7240	0.0079	28 51 54.2	17.674	0.180	74.8	249 263	28 4316
13280	9.0	7 15.61	2.7114	0.0081	29 44 55.0	17.676	0.179	78.7	12 obs.	29 4608
13281	9.0	22 7 17.34	+2.7034	+0.0083	+30 17 35.7	+17.678	+0.178	92.8	1746 1747	*30 4641*
13282	9.3	7 19.40	2.7573	0.0071	26 30 59.6	17.679	0.182	81.3	418 1231	26 4377*
13283	6.8	7 24.70	2.7738	0.0067	25 19 40.0	17.683	0.183	75.1	6 obs.[7]	25 4691
13284	8.7	7 25.24	2.7031	0.0083	30 20 39.4	17.683	0.178	93.7	1849 1850	*30 4644*
13285	9.0	7 27.09	2.7573	0.0071	26 32 27.6	17.684	0.182	83.5	144 1124 1323 1486	26 4378*
13286	7.5	22 7 28.55	+2.7551	+0.0072	+26 42 7.8	+17.685	+0.182	77.5	6 obs.[8]	26 4379
13287	8.5	7 32.34	2.7209	0.0080	29 8 36.0	17.688	0.179	79.7	14 obs.	29 4609
13288	8.5	7 33.01	2.7287	0.0078	28 36 34.7	17.688	0.180	76.9	6 obs.[9]	28 4318
13289	8.8	7 36.21	2.7056	0.0083	30 12 37.8	17.691	0.178	92.8	1752 1757	30 4647
13290	9.2	7 37.29	2.7142	0.0081	29 37 41.3	17.691	0.179	76.5	43 423 493 616	29 4610
13291	10.0	22 7 42.30	+2.7141	+0.0082	+29 39 0.1	+17.695	+0.179	73.7	139	— —
13292	6.4	7 55.08	2.7384	0.0076	27 59 22.6	17.703	0.180	75.8	11 obs.	27 4280
13293	9.5	7 55.31	2.7791	0.0066	25 1 29.9	17.704	0.183	85.9	1230	24 4555*
13294	8.9	8 1.24	2.7593	0.0071	26 30 15.8	17.708	0.181	86.3	32 1126 1857 1862	26 4382
13295	9.5	8 3.34	2.7454	0.0075	27 31 15.7	17.709	0.180	80.8	791	27 4281*
13296	8.7	22 8 7.93	+2.7105	+0.0083	+29 59 5.2	+17.712	+0.178	77.6	333 501 521 612	29 4611
13297	9.1	8 8.26	2.7353	0.0077	28 15 16.4	17.712	0.180	77.8	42 44 1409	28 4322
13298	9.4	8 8.55	2.7350	0.0077	28 16 42.8	17.713	0.180	74.8	259	28 4323*
13299	9.5	8 13.03	2.7797	0.0066	25 1 51.1	17.716	0.183	90.8	1608	24 4557*
13300	9.5	8 18.85	2.7793	0.0067	25 4 30.8	17.720	0.182	75.8	150 325 507	24 4558*

[1] Z. 23 32 326 495 500
[2] » 144 504 (2) 703 706 799 945
[3] » 264 515 704 804 873
[4] Z. 25 28 36 327 420
[5] » 23 250 686 691 702 792
[6] » 259 512 692 700 707
[7] Z. 150 151 264 325 334 416
[8] » 140 326 336 495 804 (2)
[9] » 130 419 496 499 502 512

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13301	8.3	22h 8m 28s.38	+2s.7311	+0s.0079	+28° 37′ 0″.6	+17″.726	+0″.179	75.7	130 134 496 512	28° 4325
13302	8.8	8 33.39	2.7440	0.0076	27 43 13.6	17.730	0.179	74.0	28 36 38 494	27 4284
13303	9.0	8 46.71	2.7325	0.0079	28 35 0.3	17.739	0.178	73.8	42 134 263	28 4326
13304	9.0	8 48.97	2.7625	0.0071	26 25 31.2	17.740	0.180	76.0	23 144 500 700	26 4385
13305	7.3[1]	8 52.78	2.7275	0.0080	28 57 14.1	17.743	0.178	74.1	44 249 259	28 4327
13306	9.0	22 8 54.96	+2.7103	+0.0084	+30 9 27.5	+17.744	+0.177	76.0	5 obs.[2]	30 4655
13307	9.1	9 6.28	2.7820	0.0067	25 0 50.6	17.752	0.181	84.8	1131 1133	24 4560*
13308	8.5	9 13.97	2.7424	0.0077	27 57 58.7	17.757	0.178	75.2	6 obs.[3]	27 4285
13309	8.9	9 20.31	2.7315	0.0080	28 45 38.3	17.762	0.177	77.5	419 496 499 502	28 4330
13310	9.5	9 20.70	2.7822	0.0067	25 2 35.3	17.762	0.181	76.8	264 497 515	— —
13311	9.3	22 9 21.52	+2.7684	+0.0071	+26 4 47.9	+17.762	+0.180	93.2	1750 1849	25 4694
13312	9.2	9 22.32	2.7213	0.0082	29 29 35.2	17.763	0.177	85.5	1124 1137 1321	29 4614*
13313	9.5	9 27.85	2.7564	0.0074	26 59 34.8	17.767	0.179	93.9	1865 1866 1867	26 4387*
13314	9.2	9 28.66	2.7297	0.0080	28 55 26.7	17.767	0.177	79.1	259 263 506 1486	28 4332
13315	9.3	9 36.79	2.7656	0.0072	26 20 17.3	17.773	0.179	85.3	421 1863	26 4388*
13316	8.8	22 9 44.98	+2.7657	+0.0072	+26 21 25.4	+17.778	+0.179	77.1	9 obs.	26 4390
13317	9.2	9 45.94	2.7277	0.0081	29 7 3.5	17.779	0.176	86.8	1127 1327 1328 1485	29 4617
13318	8.8	9 48.17	2.7822	0.0068	25 7 41.0	17.780	0.180	74.3	39 150 151 416	25 4696
13319	8.8	9 52.02	2.7321	0.0080	28 50 12.3	17.783	0.176	75.5	130 134 419 506	28 4334
13320	9.5	9 55.23	2.7538	0.0076	27 16 17.3	17.785	0.178	77.1	491	— —
13321	9.0	22 9 55.98	+2.7549	+0.0076	+27 11 56.1	+17.785	+0.178	75.4	38 335 494	27 4286*
13322	9.4	9 57.88	2.7364	0.0080	28 32 21.6	17.787	0.177	75.2	42 263 512	28 4335
13323	9.2	10 11.78	2.7512	0.0077	27 30 48.8	17.796	0.177	81.5	791 870 874	27 4287*
13324	9.5	10 29.43	2.7554	0.0076	27 15 55.6	17.808	0.177	86.1	133 1604 1872	— —
13325	8.5	10 32.31	2.7772	0.0070	25 38 59.0	17.810	0.178	74.8	5 obs.[4]	25 4700
13326	7.8	22 10 34.79	+2.7257	+0.0083	+29 25 35.6	+17.812	+0.175	75.0	131 139 333 422	29 4621
13327	9.3	10 39.82	2.7265	0.0083	29 22 56.8	17.815	0.175	76.4	247 423 501	29 4622
13328	9.3	10 43.71	2.7272	0.0083	29 20 43.1	17.818	0.175	76.2	247 501	29 4623*
13329	6.6	10 44.53	2.7571	0.0076	27 10 54.1	17.818	0.177	74.7	7 obs.	27 4288
13330	9.1	10 49.92	2.7687	0.0073	26 20 30.4	17.822	0.178	82.8	799 1126	26 4391*
13331	7.0	22 10 56.55	+2.7391	+0.0081	+28 32 59.0	+17.826	+0.175	75.9	7 obs.	28 4337
13332	9.0	10 57.13	2.7569	0.0076	27 14 35.5	17.826	0.177	76.5	133 327 508 610	27 4289
13333	9.4	11 0.96	2.7675	0.0073	26 27 49.2	17.829	0.177	75.3	32 144 421 495	26 4393
13334	7.2	11 6.70	2.7267	0.0084	29 28 6.9	17.833	0.174	74.8	43 131 333 422	29 4625
13335	9.0	11 11.47	2.7613	0.0075	26 57 48.0	17.836	0.177	79.6	336 500 505 1327	26 4394
13336	8.1	22 11 18.49	+2.7240	+0.0085	+29 41 59.6	+17.841	+0.174	76.4	139 493 521	29 4626
13337	9.4	11 21.75	2.7815	0.0070	25 28 17.9	17.843	0.177	76.0	6 obs.[5]	25 4703
13338	9.2	11 25.05	2.7257	0.0085	29 36 2.5	17.845	0.174	81.3	6 obs.[6]	29 4628
13339	8.8	11 36.08	2.7554	0.0078	27 29 2.5	17.853	0.175	77.6	10 obs.	27 4290
13340	7.5	11 36.79	2.7784	0.0072	25 45 44.3	17.853	0.177	74.8	151 264 334	25 4705
13341	9.3	22 11 38.09	+2.7463	+0.0080	+28 10 0.7	+17.854	+0.175	82.8	44 1746	28 4339
13342	9.3	11 50.08	2.7706	0.0074	26 23 58.1	17.862	0.176	75.9	336	26 4397*
13343	8.8	11 59.99	2.7190	0.0088	30 12 10.5	17.868	0.173	76.1	139 333 423 521	30 4669
13344	7.0	12 0.49	2.7721	0.0074	26 18 45.8	17.869	0.176	76.8	6 obs.[7]	26 4399
13345	9.0	12 1.64	2.7651	0.0075	26 50 51.1	17.870	0.175	78.7	17 obs.	26 4398
13346	9.5	22 12 6.70	+2.7500	+0.0080	+27 59 15.8	+17.873	+0.174	85.1	134 1607 1608	— —
13347	9.0	12 11.71	2.7712	0.0074	26 25 2.7	17.876	0.175	86.5	6 obs.[8]	26 4400
13348	8.8	12 13.97	2.7229	0.0087	29 58 27.9	17.878	0.173	76.6	262 332 422 616	29 4632
13349	9.1	12 21.92	2.7476	0.0081	28 12 42.4	17.883	0.174	84.8	1127 1129 1130	28 4343*
13350	9.1	12 25.22	2.7638	0.0076	27 1 19.8	17.885	0.175	86.5	1232 1323 1328	26 4401*

[1] Close double; middle
[2] Z. 131 139 423 493 521
[3] » 28 133 244 327 420 508
[4] Z. 39 150 264 334 416
[5] » 39 151 325 497 507 515
[6] » 332 612 616 1124 1131 1137
[7] Z. 140(2) 418 495 500 799
[8] » 689 708 787 1747 1750 1751

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13351	8.8	22h 12m 28s.19	+2s.7920	+0s.0069	+24° 52' 14".3	+17s.887	+0s.176	87.2	1231 1321 1485	24° 4570
13352	8.5	12 32.70	2.7717	0.0074	26 26 57.3	17.890	0.175	90.1	703 1752 1857 1861	26 4402
13353	8.0	12 41.07	2.7499	0.0080	28 7 3.5	17.895	0.173	75.1	7 obs.	28 4346
13354	9.5	12 50.22	2.7546	0.0079	27 47 25.3	17.902	0.173	80.1	6 obs.[1]	27 4291*
13355	9.4	12 54.24	2.7547	0.0079	27 48 0.1	17.904	0.173	77.9	6 obs.[2]	27 4292
13356	9.5	22 12 55.44	+2.7724	+0.0075	+26 28 4.0	+17.905	+0.175	72.7	23	— —
13357	7.7	12 55.57	2.7895	0.0070	25 8 54.9	17.905	0.175	75.7	9 obs.	25 4709
13358	9.3	13 3.16	2.7598	0.0078	27 26 50.5	17.910	0.174	80.8	791	— —
13359	7.9	13 21.12	2.7658	0.0077	27 3 23.6	17.922	0.174	75.3	7 obs.	26 4404
13360	7.5	13 22.40	2.7503	0.0081	28 13 13.8	17.923	0.172	75.6	6 obs.[3]	28 4348
13361	9.0	22 13 25.64	+2.7521	+0.0081	+28 6 4.1	+17.925	+0.172	76.3	335 420	27 4294
13362	9.5	13 43.44	2.7665	0.0078	27 4 45.8	17.936	0.172	73.7	133	— —
13363	9.4	13 58.19	2.7370	0.0086	29 19 24.8	17.946	0.171	75.0	43 131 333 521	29 4635
13364	9.5	14 0.72	2.7255	0.0089	30 10 20.8	17.948	0.170	76.2	247 493	30 4678*
13365	8.9	14 2.40	2.7596	0.0080	27 39 47.8	17.949	0.172	78.1	5 obs.[4]	27 4295
13366	7.4	22 14 4.52	+2.7930	+0.0071	+25 5 53.1	+17.950	+0.174	75.7	7 obs	24 4576
13367	9.3	14 6.73	2.7599	0.0080	27 39 36.9	17.952	0.172	76.2	244 491	— —
13368	8.6	14 8.46	2.7523	0.0082	28 13 53.1	17.953	0.172	75.0	7 obs.	28 4350
13369	9.5	14 9.06	2.7255	0.0089	30 11 57.5	17.953	0.170	75.4	139 247 501	30 4680
13370	9.2	14 13.00	2.7580	0.0081	27 49 40.3	17.956	0.172	78.2	5 obs.[5]	27 4296
13371	9.2	22 14 15.13	+2.7319	+0.0087	+29 45 24.1	+17.957	+0.170	77.3	262 423 612 616	29 4636
13372	8.5	14 28.23	2.7444	0.0085	28 53 26.3	17.966	0.171	75.2	53 259 499	28 4351
13373	9.5	14 30.35	2.7316	0.0088	29 50 4.1	17.967	0.169	73.7	139	29 4637*
13374	9.0	14 34.43	2.7481	0.0084	28 38 22.4	17.970	0.170	75.8	130 263 419 512	28 4353
13375	9.5	14 34.76	2.7717	0.0078	26 51 48.2	17.970	0.172	73.8	144	26 4407*
13376	9.0	22 14 35.24	+2.7349	+0.0087	+29 36 40.5	+17.970	+0.169	77.8	493 501 521	29 4638
13377	8.9	14 45.94	2.7719	0.0078	26 53 7.8	17.977	0.171	74.2	23 32 144 500	26 4408
13378	9.2	14 52.68	2.7656	0.0080	27 23 3.1	17.981	0.171	81.1	6 obs.[6]	27 4297*
13379	9.4	14 52.92	2.7654	0.0080	27 24 4.1	17.981	0.171	75.8	335	— —
13380	9.0	14 54.51	2.7396	0.0087	29 20 44.7	17.982	0.169	75.3	43 131 333 616	29 4639
13381	9.0	22 14 56.79	+2.7635	+0.0080	+27 33 23.7	+17.984	+0.171	79.6	13 obs.	27 4298
13382	6.5	15 11.84	2.7804	0.0076	26 18 25.1	17.994	0.171	75.0	5 obs.[7]	26 4410
13383	9.3	15 30.32	2.7809	0.0077	26 19 59.5	18.006	0.171	79.3	10 obs.	26 4411
13384	5.0	15 33.15	2.7633	0.0082	27 42 5.9	18.007	0.170	76.8	5 obs.[8]	27 4299
13385	9.1	15 53.84	2.7529	0.0085	28 33 49.6	18.020	0.168	75.9	8 obs.	28 4356
13386	9.0	22 15 58.53	+2.7656	+0.0081	+27 36 54.6	+18.023	+0.169	76.3	8 obs.	27 4300
13387	9.2	16 1.38	2.7530	0.0085	28 34 44.2	18.025	0.168	75.8	5 obs.[9]	28 4357*
13388	8.6	16 33.94	2.7384	0.0090	29 47 27.1	18.046	0.166	76.2	7 obs.	29 4644
13389	9.2	16 42.20	2.7676	0.0082	27 36 41.6	18.051	0.168	76.2	8 obs.	}
13390	9.1	16 43.75	2.7677	0.0082	27 36 37.8	18.052	0.168	81.8	610 1131	} 27 4302
13391	7.5	22 16 49.47	+2.7401	+0.0090	+29 43 37.9	+18.056	+0.166	75.1	131 247 422	29 4645
13392	9.0	16 55.34	2.7872	0.0077	26 7 24.4	18.060	0.169	75.9	6 obs.[10]	26 4415
13393	7.5	16 57.23	2.7352	0.0091	30 6 54.2	18.061	0.166	84.8	1127 1129 1137	30 4695
13394	9.4	17 12.77	2.7836	0.0078	26 28 30.2	18.071	0.168	75.8	266 421	— —
13395	9.0	17 17.01	2.7691	0.0083	27 37 2.1	18.074	0.167	75.8	335	— —
13396	8.5	22 17 18.96	+2.7837	+0.0078	+26 29 18.5	+18.075	+0.168	76.1	266 336 418 421	26 4417
13397	8.8	17 32.80	2.7447	0.0090	29 32 19.6	18.084	0.165	77.8	6 obs.[11]	29 4646
13398	9.3	17 36.81	2.7940	0.0075	25 43 10.0	18.086	0.168	80.8	802	— —
13399	8.4	17 37.72	2.7535	0.0087	28 53 57.6	18.087	0.166	75.6	8 obs.	28 4363
13400	9.1	17 47.60	2.7785	0.0081	26 59 35.7	18.093	0.167	78.3	32 418 495 1230	26 4419

[1] Z. 327 494 870 873 874 876
[2] » 28 38 327 494 508 1609
[3] » 42 130 134 502 506 512
[4] » 38 244 491 508 1409
[5] Z. 28 36 870 874 876
[6] » 335 420 494 610 1323 1607
[7] » 140 144 266 336 418
[8] » 28 36 142 327 1486
[9] Z. 44 130 419 499 506
[10] » 23 32 144 151 334 1328
[11] » 43 262 422 423 521 1409

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13401	9.4	22h 17m 48s.02	+2s.7674	+0s.0084	+27° 52′ 4″.0	+18″.093	+0″.166	81.8	870 873 874 876	27° 4304*
13402	9.5[1]	17 52.79	2.7737	0.0082	27 23 24.6	18.096	0.167	76.8	28 38 45 1485	27 4305
13403	9.0	17 54.77	2.7486	0.0089	29 19 33.4	18.097	0.165	79.3	333 423 492 1323	29 4647
13404	8.6	17 54.91	2.7423	0.0091	29 48 35.4	18.097	0.164	75.7	131 493	29 4648
13405	9.5	17 54.94	2.7728	0.0083	27 27 58.1	18.097	0.167	79.0	5 obs.[2]	27 4306
13406	8.8	22 17 56.44	+2.7992	+0.0075	+25 22 18.7	+18.098	+0.168	75.0	5 obs.[3]	25 4720
13407	9.0	18 0.93	2.7903	0.0077	26 5 47.7	18.101	0.167	76.3	151 334 497 507	25 4721
13408	8.5	18 2.96	2.7825	0.0080	26 43 24.9	18.103	0.167	75.8	140 144 500 505	26 4420
13409	9 4	18 8.36	2.7731	0.0083	27 29 36.1	18.106	0.166	73.8	142	27 4307*
13410	9.3	18 8.51	2.7512	0.0089	29 10 51.5	18.106	0.165	76.3	247 262 501 521	29 4650
13411	9.5	22 18 11.73	+2.7777	+0.0082	+27 8 35.8	+18.108	+0.166	90.8	1604	27 4309*
13412	9.0	18 13.81	2.7659	0.0085	28 4 30.2	18.109	0.165	84.3	491 1609	27 4310*
13413	9.4	18 18.13	2.8026	0.0074	25 9 57.7	18.112	0.168	79.9	707 708	— —
13414	9.0	18 23.56	2.7855	0.0080	26 33 56.1	18.116	0.167	74.5	23 266 336	26 4423
13415	8.9	18 32.96	2.7806	0.0081	26 59 24.5	18.121	0.166	79.8	421 505 1124	26 4424
13416	9.5	22 18 34.77	+2.7814	+0.0081	+26 56 4.0	+18.122	+0.166	80.8	791	26 4425*
13417	9.0	18 43.06	2.7752	0.0084	27 27 8.8	18.128	0.165	74.7	133 327	27 4311
13418	8.5	18 47.17	2.7925	0.0078	26 4 56.9	18.130	0.166	75.3	6 obs.[4]	25 4723
13419	9.4	18 48.52	2.7703	0.0085	27 51 44.0	18.131	0.165	81.8	870 873 874 876	27 4313*
13420	8.9	18 50.70	2.7455	0.0092	29 46 24.4	18.132	0.163	77.2	5 obs.[5]	29 4652
13421	9.2	22 18 58.56	+2.7730	+0.0084	+27 40 41.7	+18.137	+0.164	84.8	1127 1129 1130	27 4314*
13422	8.2	19 2.22	2.7684	0.0085	28 3 11.0	18.140	0.164	75.6	6 obs.[6]	27 4315
13423	9.1	19 10.10	2.7455	0.0093	29 51 3.3	18.144	0.163	76.7	247 492 501	29 4653
13424	7.7	19 13.08	2.7948	0.0078	25 58 41.3	18.146	0.166	74.8	151 264 325	25 4726
13425	9.4	19 16.51	2.8047	0.0075	25 11 36.7	18.148	0.166	84.1	707 1131 1137 1321	25 4727
13426	9.2	22 19 16.89	+2.7800	+0.0083	+27 11 38.3	+18.149	+0.165	79.9	708	— —
13427	8.4	19 19.28	2.7874	0.0081	26 36 23.6	18.150	0.165	77.6	5 obs.[7]	26 4428
13428	8.9	19 23.78	2.7825	0.0082	27 1 21.9	18.153	0.165	79.7	28 32 1861	26 4429
13429	9.1	19 24.32	2.7500	0.0092	29 33 40.3	18.153	0.163	86.2	1231 1232 1327	29 4654*
13430	9.5	19 27.43	2.7580	0.0089	28 57 29.7	18.155	0.163	74.3	134 259	— —
13431	9.5	22 19 30.01	+2.7776	+0.0084	+27 26 3.4	+18.157	+0.164	90.8	1607	— —
13432	9.1	19 30.89	2.7454	0.0093	29 56 5.3	18.157	0.162	75.3	43 262 333 493	29 4655
13433	8.7	19 51.33	2.7847	0.0083	26 56 39.4	18.170	0.164	78.3	6 obs.[8]	26 4430
13434	9.1	20 9.31	2.7481	0.0094	29 52 39.2	18.181	0.161	76.8	422 423	— —
13435	9.0	20 9.76	2.7483	0.0094	29 51 38.4	18.181	0.161	79.2	5 obs.[9]	29 4659
13436	9.2	22 20 9.87	+2.7976	+0.0079	+25 57 43.3	+18.181	+0.165	74.8	6 obs.[10]	25 4728*
13437	6.8	20 13.07	2.8058	0.0076	25 17 35.0	18.183	0.165	78.8	150 416 515 1328	25 4730
13438	9.0	20 18.23	2.7668	0.0088	28 27 49.0	18.187	0.162	74.8	263	— —
13439	7.5	20 19.83	2.7742	0.0086	27 52 57.8	18.187	0.163	75.0	9 obs.	27 4317
13440	9.0	20 26.14	2.7659	0.0089	28 33 57.2	18.191	0.162	74.8	7 obs.	28 4369
13441	9.3	22 20 27.90	+2.7593	+0.0091	+29 5 19.7	+18.193	+0.161	81.8	870 874 876	28 4370*
13442	7.8	20 34.89	2.8084	0.0076	25 9 23.8	18.197	0.164	79.2	15 obs.	25 4732
13443	9.4	20 35.40	2.8001	0.0079	25 50 45.4	18.197	0.164	80.0	334 497 507 1485	25 4731
13444	9.3	20 39.49	2.7593	0.0091	29 8 10.9	18.200	0.161	81.9	874	29 4660*
13445	9.5	20 43.13	2.7618	0.0090	28 57 3.8	18.202	0.161	77.4	5 obs.[11]	28 4371
13446	8.3	22 20 46.53	+2.7443	+0.0095	+30 18 43.1	+18.204	+0.160	93.1	1746 1751 1855	*30 4710*
13447	8.8	20 47.36	2.7850	0.0083	27 7 36.4	18.204	0.162	74.8	45 142 335 420	27 4319
13448	8.5	20 51.03	2.8003	0.0079	25 52 50.9	18.207	0.163	74.5	39 151 416	25 4733
13449	8.7	21 3.05	2.7964	0.0081	26 14 34.3	18.214	0.163	74.6	5 obs.[12]	26 4433
13450	8.8	21 8.57	2.7511	0.0094	29 52 48.4	18.217	0.160	76.4	5 obs.[13]	29 4663

[1] Double; following
[2] Z. 142 244 494 508 1608
[3] » 39 150 264 325 497
[4] » 39 151 264 334 416 507
[5] » 131 422 521 612 613
[6] Z. 36 38 335 420 494 508
[7] » 140 144 266 495 1409
[8] » 23 418 505 791 805 806
[9] » 247 422 423 613 1486
[10] Z. 39 150 151 264 325 497
[11] » 259 499 502 506 616
[12] » 32 140 144 336 421
[13] » 43 131 521 613 616

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13451	8.8	22h 21m 10.s55	+2.s7686	+0.s0089	+28° 30′ 58.″7	+18.″219	+0.″161	82.8	42 1752	28° 4372
13452	6.8	21 17.07	2.7457	0.0096	30 19 16.4	18.223	0.159	92.8	1747 1755	*30 4711*
13453	9.2	21 20.64	2.7492	0.0095	30 4 21.7	18.225	0.159	77.7	492 493	29 4666*
13454	8.2	21 22.11	2.7489	0.0095	30 5 55.2	18.226	0.159	76.8	262 492 493	29 4667
13455	9.5	21 24.87	2.7723	0.0089	28 16 41.1	18.227	0.161	88.1	870 876 1857 1862	— —
13456	9.0	22 21 27.72	+2.7812	+0.0086	+27 34 45.1	+18.229	+0.162	77.4	6 obs.[1]	27 4321
13457	9.4	21 27.98	2.7655	0.0091	28 49 59.2	18.229	0.160	81.8	873	28 4374*
13458	9.0	21 33.57	2.7469	0.0096	30 17 51.4	18.233	0.159	93.7	1849 1854	*30 4712*
13459	9.1	21 38.86	2.7862	0.0084	27 12 43.2	18.236	0.161	80.2	8 obs.	27 4322
13460	9.0	21 46.22	2.7693	0.0090	28 36 4.7	18.240	0.160	75.7	7 obs.	28 4375
13461	8.6	22 21 46.43	+2.7818	+0.0086	+27 36 7.2	+18.240	+0.161	76.4	327 335 491	27 4323
13462	9.0	21 52.21	2.7633	0.0092	29 5 58.8	18.244	0.159	74.8	259 263	28 4376
13463	9.4	22 4.91	2.7550	0.0094	29 47 22.8	18.252	0.159	75.3	43 262 422 423	29 4669
13464	9.4	22 7.58	2.7880	0.0085	27 10 1.4	18.253	0.161	72.8	45	27 4324*
13465	8.5	22 19.41	2.7650	0.0092	29 3 53.2	18.260	0.159	74.9	6 obs.[2]	28 4378
13466	6.8	22 22 21.05	+2.7982	+0.0082	+26 22 55.9	+18.261	+0.161	77.6	5 obs.[3]	26 4437
13467	9.1	22 36.83	2.7613	0.0094	29 25 59.2	18.271	0.158	84.8	1131 1132 1133	29 4671*
13468	9.0	22 44.25	2.7856	0.0087	27 30 21.8	18.275	0.159	74.9	6 obs.[4]	27 4325
13469	8.5	22 52.16	2.8030	0.0081	26 5 15.8	18.280	0.160	75.8	6 obs.[5]	25 4741
13470	9.0	22 52.61	2.7913	0.0085	27 4 8.5	18.280	0.159	77.6	144 266 421 1137	26 4438
13471	9.5	22 22 56.18	+2.7970	+0.0083	+26 36 44.5	+18.282	+0.159	72.7	32	— —
13472	9.3	22 56.91	2.8127	0.0078	25 17 20.3	18.283	0.161	75.6	151 264 325 515	25 4742
13473	8.5	22 58.18	2.7575	0.0095	29 48 28.6	18.284	0.157	75.3	43 131 422 521	29 4672
13474	9.0	23 3.96	2.7902	0.0086	27 11 46.4	18.287	0.159	74.7	244	— —
13475	9.3	23 7.64	2.7691	0.0093	28 55 50.6	18.289	0.158	80.6	9 obs.	28 4380*
13476	8.3	22 23 11.12	+2.7557	+0.0096	+30 0 21.8	+18.291	+0.157	75.8	247 333 423	29 4673
13477	8.0	23 16.72	2.7668	0.0094	29 9 24.8	18.295	0.157	76.8	262 333 492 616	29 4674
13478	5.7	23 18.88	2.8038	0.0082	26 7 27.6	18.296	0.160	78.0	6 obs.[6]	26 4439
13479	7.0	23 19.88	2.7764	0.0091	28 23 24.4	18.297	0.158	74.8	7 obs.	28 4381
13480	9.4	23 25.36	2.7793	0.0090	28 10 34.5	18.300	0.158	79.8	263 506 1326	28 4382
13481	9.5	22 23 26.67	+2.7763	+0.0091	+28 25 51.5	+18.301	+0.158	81.9	873 876	28 4383*
13482	7.8	23 29.54	2.7964	0.0085	26 47 21.8	18.302	0.159	75.8	140 266 421 505	26 4440
13483	9.3	23 31.22	2.7632	0.0095	29 29 49.4	18.303	0.156	76.8	247 613	29 4675
13484	9.0	23 40.28	2.7861	0.0089	27 41 4.4	18.309	0.158	75.8	5 obs.[7]	27 4328
13485	9.4	23 41.71	2.7859	0.0089	27 41 57.2	18.310	0.158	78.9	622	— —
13486	9.4	22 23 41.80	+2.7704	+0.0094	+28 57 38.7	+18.310	+0.157	82.8	5 obs.[8]	— —
13487	7.5	23 46.23	2.7658	0.0095	29 20 59.7	18.312	0.156	76.5	131 422 493 521	29 4677
13488	9.4	23 47.84	2.7804	0.0090	28 10 26.6	18.313	0.157	75.8	259 419	28 4384
13489	9.4	23 50.76	2.7553	0.0098	30 12 4.5	18.315	0.156	79.8	702	— —
13490	9.5	23 55.64	2.7756	0.0092	28 35 41.6	18.317	0.157	81.8	870 876	28 4385*
13491	9.1	22 24 0.38	+2.7562	+0.0098	+30 9 56.7	+18.321	+0.156	83.6	702 1127 1129 1130	30 4723*
13492	8.5	24 8.26	2.8155	0.0079	25 18 3.4	18.325	0.159	75.4	7 obs.	25 4747
13493	9.5	24 11.77	2.8002	0.0085	26 37 10.2	18.327	0.158	83.3	144 1746	26 4441
13494	9.5	24 32.61	2.7791	0.0092	28 27 36.9	18.340	0.156	82.2	134 1604	— —
13495	9.4	24 33.41	2.8080	0.0083	26 2 17.7	18.340	0.158	82.3	151 1609	— —
13496	9.3	22 24 33.57	+2.8069	+0.0083	+26 8 8.1	+18.340	+0.158	80.8	802	26 4445*
13497	8.0	24 36.95	2.7873	0.0090	27 48 13.5	18.342	0.156	76.2	5 obs.[9]	27 4331
13498	8.5	24 53.86	2.7916	0.0089	27 30 33.9	18.352	0.156	75.2	5 obs.[10]	27 4332
13499	9.0	24 55.49	2.7871	0.0090	27 53 9.0	18.353	0.156	74.8	38 142 511	27 4333
13500	8.6	25 21.57	2.7762	0.0094	28 53 3.6	18.368	0.154	76.8	9 obs.	28 4387

[1] Z. 36 133 327 491 508 1323
[2] » 42 44 134 259 499 506
[3] » 32 144 418 505 1328
[4] » 36 38 133 327 420 508
[5] Z. 39 150 264 336 416 802
[6] » 150 336 505 700 (2) 802
[7] » 45 133 335 508 622
[8] Z. 707 708 709 806 1858
[9] » 45 244 420 491 610
[10] » 36 133 327 335 508

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13501	8.5	22h 25m 28s.66	+2s.8151	+0s.0082	+25° 37' 57".3	+18".373	+0".156	75.5	7 obs.[1]	25° 4752
13502	9.2	25 31.48	2.7756	0.0095	28 58 39.3	18.374	0.154	79.9	707 708 709	— —
13503	8.6	25 36.80	2.7954	0.0089	27 21 18.1	18.377	0.155	76.9	7 obs.	27 4336
13504	9.0	25 40.23	2.8055	0.0086	26 30 19.7	18.379	0.155	74.1	32 144 336	26 4450
13505	6.7	25 46.77	2.7772	0.0095	28 54 7.5	18.383	0.154	76.2	11 obs.	28 4389
13506	8.8	22 25 48.57	+2.7647	+0.0099	+29 56 2.8	+18.384	+0.153	77.8	43 131 333 1486	29 4681
13507	9.0	25 55.07	2.7665	0.0098	29 48 39.4	18.388	0.153	77.4	423 492 493	29 4682
13508	9.0	26 0.27	2.7695	0.0097	29 35 40.3	18.391	0.153	76.8	333 422 521	29 4683
13509	9.2	26 4.63	2.8233	0.0080	25 2 30.4	18.394	0.156	80.8	799	— —
13510	9.1	26 4.87	2.7639	0.0099	30 3 50.3	18.394	0.153	76.8	131 521 613	29 4686
13511	8.3	22 26 8.27	+2.8057	+0.0086	+26 35 37.6	+18.396	+0.155	75.8	140 266 421 505	26 4451
13512	9.2	26 9.31	2.7966	0.0089	27 22 29.4	18.396	0.154	74.8	5 obs.[2]	27 4337
13513	9.0	26 9.31	2.7770	0.0095	29 1 4.1	18.396	0.153	79.9	707 708 709	28 4390*
13514	9.0	26 11.82	2.7629	0.0100	30 10 22.9	18.398	0.153	76.6	247 262 422 702	30 4729
13515	8.8	26 13.89	2.8128	0.0084	26 0 15.5	18.399	0.155	76.6	6 obs.[3]	25 4754
13516	9.3	22 26 15.81	+2.7843	+0.0093	+28 26 11.0	+18.400	+0.153	76.1	134 263 419 622	28 4391
13517	8.1	26 28.01	2.8259	0.0080	24 54 9.9	18.407	0.156	82.3	6 obs.[4]	*24 4602*
13518	8.1	26 29.55	2.8255	0.0080	24 56 48.0	18.408	0.156	76.8	151 416 507 621	24 4603
13519	8.5	26 34.99	2.8083	0.0086	26 28 20.0	18.411	0.154	77.8	32 144 336 1485	26 4453
13520	9.0	26 38.86	2.7836	0.0094	28 35 36.0	18.413	0.153	75.8	7 obs.[5]	28 4393
13521	8.4	22 26 52.65	+2.8172	+0.0083	+25 45 59.0	+18.421	+0.154	76.3	150 264 334 803	25 4759
13522	9.1	26 57.10	2.7883	0.0093	28 16 21.1	18.424	0.153	84.8	1131 1132 1133	28 4395*
13523	8.4	26 59.70	2.8258	0.0080	25 1 52.7	18.426	0.155	84.6	799 1137 1230 1327	24 4604
13524	8.7	27 3.71	2.7848	0.0094	28 35 34.4	18.428	0.152	74.8	5 obs.[6]	28 4396
13525	9.3	27 4.93	2.7794	0.0096	29 2 50.2	18.429	0.152	79.9	707	28 4397*
13526	9.0	22 27 4.98	+2.7934	+0.0092	+27 52 5.7	+18.429	+0.153	75.9	8 obs.	27 4338
13527	9.4	27 7.23	2.8137	0.0085	26 7 51.9	18.430	0.154	80.8	802	— —
13528	9.3	27 13.86	2.8097	0.0086	26 30 17.4	18.434	0.153	78.6	5 obs.[7]	26 4455
13529	9.4	27 28.81	2.7782	0.0097	29 14 41.9	18.442	0.151	75.6	5 obs.[8]	29 4689
13530	8.7	27 32.64	2.8238	0.0082	25 19 49.5	18.444	0.154	75.8	5 obs.[9]	25 4762
13531	9.0	22 27 43.60	+2.8018	+0.0090	+27 18 4.9	+18.451	+0.152	75.3	38 142 420 491	27 4339
13532	8.0	27 48.90	2.7828	0.0097	28 56 48.9	18.454	0.151	76.8	8 obs.	28 4398
13533	9.0	27 50.50	2.8040	0.0089	27 8 36.2	18.455	0.152	74.1	36 142 327	27 4340
13534	9.4	27 51.70	2.7763	0.0099	29 30 8.4	18.455	0.150	81.9	874 876	29 4690*
13535	9.3	27 54.84	2.7981	0.0092	27 40 12.6	18.457	0.151	86.4	1231 1328	27 4341
13536	9.0	22 27 55.55	+2.7943	+0.0093	+27 59 48.2	+18.457	+0.151	75.4	133 244 508	27 4342
13537	8.7	27 57.97	2.7979	0.0092	27 41 49.0	18.459	0.151	77.6	5 obs.[10]	27 4343
13538	9.3	27 59.14	2.7684	0.0102	30 11 8.4	18.459	0.150	79.8	702	30 4736*
13539	8.9	28 1.64	2.7888	0.0095	28 29 25.7	18.461	0.151	76.6	5 obs.[11]	28 4399
13540	8.0	28 11.76	2.7821	0.0098	29 5 54.5	18.467	0.150	74.8	41 53 622	28 4401
13541	9.0	22 28 20.91	+2.7781	+0.0099	+29 28 21.2	+18.472	+0.150	75.6	6 obs.[12]	29 4693
13542	9.1	28 21.70	2.7852	0.0097	28 53 1.3	18.472	0.150	79.8	703	28 4402*
13543	8.6	28 21.77	2.7920	0.0094	28 18 21.7	18.472	0.151	92.8	1746 1747	28 4403
13544	9.1	28 23.46	2.8303	0.0081	24 56 25.4	18.473	0.153	73.8	151	*24 4612**
13545	8.4	28 29.47	2.8216	0.0084	25 44 27.3	18.477	0.152	78.1	264 334 802 803	25 4767
13546	9.5	22 28 30.84	+2.7953	+0.0094	+28 3 24.0	+18.478	+0.150	73.7	134	— —
13547	6.8	28 43.49	2.8199	0.0086	25 57 10.8	18.485	0.151	77.2	150 515 700	25 4768
13548	8.8	28 48.69	2.7841	0.0098	29 5 25.1	18.488	0.149	88.8	1232 1416 1606 1607	28 4405
13549	9.3	28 48.77	2.7844	0.0098	29 3 56.2	18.488	0.149	92.8	1751 1752	28 4404
13550	9.3	28 51.58	2.8314	0.0082	24 56 55.5	18.489	0.152	75.8	151 507	24 4614*

[1] Z. 39 150 264 325(2) 416 621
[2] » 36 38 244 327 508
[3] » 39 151 334 515 700(2)
[4] » 416 507 1124 1127 1129 1130
[5] Z. 44 259(2) 263 506 512 525
[6] » 41 53 134 419 524
[7] » 32 266 421 505 1608
[8] » 43 131 333 423 616
[9] Z. 39 150 325 515 621
[10] » 45 55 491 511 1323
[11] » 44 419 496 506 512
[12] » 43 143 262 423 493 521

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13551	8.9	22h 28m 57s.61	+2s.7864	+0s.0098	+28° 56′ 2″.5	+18″.493	+0″.149	79.8	13 obs.	28° 4406
13552	7.0	28 59.02	2.7819	0.0099	29 18 43.5	18.493	0.149	76.3	143 333 422 616	29 4699
13553	8.6	29 1.65	2.7878	0.0097	28 49 11.3	18.495	0.149	77.6	44 512 622 805	28 4407
13554	9.0	29 4.36	2.8039	0.0092	27 26 35.9	18.496	0.150	74.4	5 obs.[1]	27 4346
13555	7.0	29 14.84	2.7726	0.0103	30 9 29.3	18.502	0.148	75.6	143 262 333 521	30 4744
13556	9.5	22 29 16.24	+2.8239	+0.0085	+25 43 34.7	+18.503	+0.151	73.8	39 150 264	25 4769
13557	9.0	29 16.36	2.8084	0.0091	27 5 51.7	18.503	0.150	74.4	5 obs.[2]	26 4459
13558	8.1	29 19.52	2.7800	0.0101	29 33 19.7	18.505	0.148	76.7	247 492 501	29 4700
13559	9.5	29 20.49	2.8330	0.0082	24 54 47.5	18.506	0.152	76.8	416	— —
13560	8.5	29 21.54	2.8315	0.0083	25 3 8.6	18.506	0.151	80.4	7 obs.	24 4615
13561	8.5	22 29 24.53	+2.8279	+0.0084	+25 23 30.1	+18.508	+0.151	77.3	416 497	25 4771
13562	9.0	29 25.44	2.7721	0.0103	30 15 0.7	18.508	0.147	80.1	7 obs.	30 4746
13563	9.5	29 26.19	2.8088	0.0091	27 6 29.1	18.509	0.150	73.7	133	— —
13564	8.4	29 31.49	2.7839	0.0100	29 17 0.4	18.512	0.148	75.5	43 247 422 501	29 4701
13565	9.1	29 33.49	2.7727	0.0103	30 13 44.6	18.513	0.147	78.1	262 423 706 799	30 4747*
13566	9.5	22 29 37.42	+2.7822	+0.0100	+29 27 24.9	+18.515	+0.148	81.8	870 874 876	29 4702*
13567	9.0	29 53.86	2.7966	0.0096	28 17 23.7	18.524	0.148	73.2	5 obs.[3]	28 4409
13568	8.3	29 54.13	2.7830	0.0101	29 27 22.1	18.524	0.147	78.0	333 423 492 876	29 4705
13569	9.0	29 57.26	2.8148	0.0090	26 41 43.5	18.526	0.149	77.6	157 266 421 1131	26 4462
13570	8.0[4]	30 26.40	2.7888	0.0100	29 5 56.3	18.542	0.147	75.8	44 259 502 512	28 4411
13571	7.0	22 30 28.52	+2.8188	+0.0089	+26 28 30.3	+18.544	+0.149	75.1	32 157 621	26 4463
13572	9.2	30 36.45	2.7911	0.0099	28 56 27.3	18.548	0.147	77.0	6 obs.[5]	28 4413
13573	8.8	30 40.75	2.8252	0.0087	25 56 10.9	18.550	0.148	77.2	5 obs.[6]	25 4774
13574	9.0	30 42.47	2.8280	0.0086	25 41 30.2	18.551	0.148	85.2	1132 1133 1231	25 4775
13575	7.5	30 45.55	2.8122	0.0092	27 8 11.0	18.553	0.147	76.1	7 obs.	27 4351
13576	9.4	22 30 45.98	+2.8126	+0.0092	+27 6 16.2	+18.553	+0.147	77.9	7 obs.	27 4352
13577	8.5	30 50.72	2.8032	0.0096	27 56 57.1	18.556	0.147	78.3	142 244 491 1329	27 4353
13578	9.0	30 53.21	2.7855	0.0102	29 30 17.6	18.557	0.146	74.8	43 143 247 493	29 4708
13579	9.0	30 55.48	2.7783	0.0104	30 6 59.9	18.558	0.145	85.5	1124 1127 1328	30 4751
13580	9.3	30 56.02	2.8157	0.0091	26 51 20.3	18.559	0.147	79.8	704	26 4464*
13581	7.1	22 30 57.28	+2.7781	+0.0105	+30 8 39.5	+18.559	+0.145	85.2	1127 1129 1232	30 4752
13582	9.0	31 1.64	2.8144	0.0092	26 59 42.5	18.562	0.147	77.4	5 obs.[7]	26 4465
13583	8.0	31 6.45	2.7909	0.0100	29 5 26.5	18.565	0.146	78.8	7 obs.	28 4415
13584	8.6	31 13.75	2.8068	0.0095	27 43 45.0	18.568	0.147	75.6	5 obs.[8]	27 4356
13585	8.7	31 14.53	2.7814	0.0104	29 56 32.6	18.569	0.145	76.8	262 501 521	29 4710
13586	9.0	22 31 18.14	+2.8250	+0.0089	+26 5 53.5	+18.571	+0.147	74.8	150 264 325	25 4776
13587	8.6	31 31.26	2.8354	0.0085	25 11 38.5	18.578	0.148	79.1	7 obs.	25 4777
13588	9.5	31 36.27	2.7833	0.0104	29 52 17.6	18.581	0.145	72.8	43	29 4714*
13589	8.2	31 41.91	2.8185	0.0092	26 47 24.6	18.584	0.146	76.6	5 obs.[9]	26 4466
13590	8.7	31 44.81	2.8178	0.0092	26 52 31.7	18.586	0.146	79.0	5 obs.[10]	26 4467
13591	8.9	22 31 46.68	+2.8136	+0.0094	+27 15 45.5	+18.587	+0.146	75.5	45 244 420 491	27 4360
13592	8.0	31 51.91	2.8301	0.0087	25 46 23.3	18.590	0.147	79.4	7 obs.	25 4779
13593	8.9	31 55.19	2.8339	0.0086	25 26 4.0	18.591	0.147	76.1	264 325 515	25 4780
13594	9.0	31 55.31	2.8037	0.0098	28 10 46.4	18.591	0.145	73.6	6 obs.[11]	28 4418
13595	9.0	31 56.36	2.8001	0.0099	28 30 22.3	18.592	0.145	79.6	8 obs.	28 4419
13596	7.4	22 32 5.44	+2.7917	+0.0102	+29 16 31.6	+18.597	+0.145	75.5	143 333 422	29 4715
13597	9.0	32 8.84	2.8221	0.0091	26 34 8.9	18.599	0.146	76.8	144 706	26 4468
13598	9.5	32 19.85	2.8286	0.0089	26 1 47.4	18.605	0.146	73.8	151	25 4781*
13599	8.8	32 23.91	2.7859	0.0105	29 51 48.6	18.607	0.143	84.8	423 1746	29 4717
13600	8.2	32 33.15	2.7955	0.0102	29 3 47.7	18.612	0.144	85.3	506 1751	28 4422

[1] Z. 36 38 45 327 508
[2] » 32 142 144 157 505
[3] » 41 42 49 53 263
[4] Double; middle
[5] Z. 41 42 53 263 709 1486
[6] » 39 150 151 800 1137
[7] » 266 336 421 686 703
[8] » 55 133 335 508 511
[9] Z. 157 331 421 505 621
[10] » 336 700 703 707 708
[11] » 42 44 49 53 134 419

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13601	8.7	22h 32m 36.22	+2.8089	+0.0097	+27° 53′ 16.7	+18.614	+0.145	74.3	6 obs.[1]	27° 4362
13602	9.4	32 43.52	2.8044	0.0099	28 19 40.8	18.618	0.144	81.8	870	28 4423*
13603	9.4	32 45.85	2.8124	0.0096	27 37 56.6	18.619	0.144	74.4	133 142 335	27 4364
13604	9.0	32 46.88	2.8187	0.0093	27 2 53.9	18.619	0.144	79.3	9 obs.	26 4470
13605	7.8	32 50.54	2.7964	0.0102	29 3 43.1	18.621	0.143	78.1	6 obs.[2]	28 4424
13606	8.8	22 32 51.25	+2.7873	+0.0105	+29 51 37.1	+18.622	+0.143	76.1	262 333 422 423	29 4718
13607	8.5	32 53.64	2.7952	0.0103	29 11 31.4	18.623	0.143	76.8	143 492 501 521	29 4719
13608	8.8	32 59.81	2.8226	0.0092	26 44 21.9	18.626	0.144	79.1	8 obs.[3]	26 4471
13609	8.1	33 1.90	2.7903	0.0105	29 39 15.3	18.627	0.143	78.8	5 obs.[4]	29 4720
13610	9.0	33 7.09	2.8022	0.0101	28 37 44.8	18.630	0.143	85.2	419 1849	28 4425
13611	9.0	22 33 8.71	+2.8146	+0.0095	+27 31 9.5	+18.631	+0.144	75.2	244 327	27 4365
13612	9.5	33 9.16	2.8149	0.0095	27 29 38.9	18.632	0.144	75.8	327	27 4366*
13613	9.0	33 13.84	2.8071	0.0099	28 13 3.3	18.634	0.143	75.3	42 502	28 4426
13614	9.3	33 14.23	2.8085	0.0098	28 5 15.9	18.634	0.143	73.5	41 49 263	27 4367*
13615	9.5	33 18.20	2.8057	0.0099	28 21 39.4	18.636	0.143	80.1	7 obs.	28 4427
13616	8.5	22 33 21.09	+2.8014	+0.0101	+28 45 29.7	+18.638	+0.143	80.1	622 706 802 803	28 4428
13617	9.3	33 25.87	2.8255	0.0092	26 34 51.1	18.640	0.144	75.1	144 331 336	26 4474
13618	9.4	33 29.08	2.7920	0.0105	29 37 38.5	18.642	0.142	81.9	873 874 876	29 4721*
13619	9.0	33 30.05	2.8385	0.0087	25 22 46.9	18.643	0.144	74.6	39 151 264 416	25 4783
13620	8.9	33 38.38	2.8368	0.0088	25 34 46.4	18.647	0.144	78.0	5 obs.[5]	25 4785
13621	8.9	22 33 43.79	+2.8140	+0.0097	+27 43 1.8	+18.650	+0.143	75.2	8 obs.	27 4371
13622	9.4	33 44.19	2.8267	0.0092	26 32 58.4	18.650	0.143	73.9	157	26 4476*
13623	9.0	33 52.18	2.7920	0.0106	29 43 22.0	18.655	0.141	74.1	43 143 333	29 4723
13624	8.9	34 0.21	2.8411	0.0087	25 14 53.1	18.659	0.144	76.1	264 325 507	25 4786
13625	8.6	34 1.77	2.7882	0.0107	30 6 39.6	18.660	0.141	88.8	1137 1753	30 4762
13626	9.5	22 34 13.79	+2.8174	+0.0096	+27 32 29.3	+18.666	+0.142	73.7	133	27 4374*
13627	8.4	34 21.22	2.7889	0.0108	30 8 11.8	18.670	0.140	85.5	1127 1129 1323	30 4765
13628	8.7	34 25.28	2.8102	0.0100	28 15 13.2	18.672	0.141	77.9	13 obs.	28 4430
13629	7.9	34 34.47	2.8181	0.0097	27 33 43.9	18.677	0.141	74.0	6 obs.[6]	27 4376
13630	9.5	34 43.72	2.8045	0.0103	28 51 27.6	18.682	0.141	79.3	7 obs.	28 4433
13631	8.0	22 34 45.28	+2.8344	+0.0091	+26 5 10.5	+18.683	+0.142	75.3	39 151 416 515	25 4787
13632	8.6[7]	34 52.64	2.7996	0.0105	29 20 27.3	18.687	0.140	74.5	43 143 262 422	29 4726
13633	8.5	35 18.53	2.7990	0.0106	29 30 29.0	18.700	0.139	75.8	247 333 423	29 4729
13634	8.7	35 24.40	2.7966	0.0108	29 45 1.4	18.704	0.139	77.8	492 501 521	29 4731
13635	9.0	35 24.46	2.8087	0.0103	28 39 4.5	18.704	0.140	73.1	44 49 53 134	28 4435
13636	9.0	22 35 27.83	+2.8152	+0.0100	+28 4 21.1	+18.705	+0.140	75.2	45 244 327 491	27 4380
13637	9.4	35 29.83	2.7987	0.0107	29 34 56.1	18.706	0.139	81.9	873 874 876	29 4732*
13638	8.8	35 35.24	2.8011	0.0106	29 23 44.4	18.709	0.139	78.8	6 obs.[8]	29 4733
13639	8.9	35 36.58	2.8012	0.0106	29 23 40.8	18.710	0.139	80.2	5 obs.[9]	
13640	9.0	35 35.96	2.8381	0.0091	25 56 38.8	18.710	0.141	74.5	39 150 416	25 4789
13641	6.3	22 35 41.15	+2.7911	+0.0110	+30 18 44.9	+18.712	+0.138	92.8	1746 1747	30 4771
13642	9.1	35 44.75	2.8045	0.0105	29 7 23.9	18.714	0.139	78.8	5 obs.[10]	29 4734
13643	9.1	35 45.19	2.8045	0.0105	29 7 45.1	18.714	0.139	79.6	7 obs.	
13644	8.6	35 48.48	2.8233	0.0097	27 24 19.7	18.716	0.140	74.6	5 obs.[11]	27 4382
13645	9.3	35 50.82	2.8378	0.0092	26 1 42.8	18.717	0.140	75.3	151 264 325 416	25 4791
13646	5.1	22 35 53.46	+2.8101	+0.0103	+28 39 19.7	+18.719	+0.139	74.0	41 53 133 419	28 4436
13647	9.0	35 58.96	2.7933	0.0110	30 12 14.7	18.721	0.138	76.8	333 501	30 4773
13648	9.3	36 3.00	2.8048	0.0105	29 10 43.3	18.724	0.138	79.3	616 703	29 4735*
13649	9.3	36 7.36	2.8049	0.0105	29 11 46.2	18.726	0.138	77.8	6 obs.[12]	29 4736
13650	9.0	36 32.95	2.8299	0.0096	26 58 55.1	18.739	0.139	73.8	144 148 157	26 4482

[1] Z. 36 38 45 55 420 511
[2] » 496 502 506 525 610 616
[3] » 157 503(2) 700 804(2) 805 806
[4] » 247 501 521 874 876
[5] Z. 150 151 791 799 806
[6] » 38 55 142(2) 244 335
[7] Close double; preceding
[8] Z. 247 422 700 702 799 805
[9] Z. 700 702 708 799 805
[10] » 143 704 707 709 800
[11] » 38 55 133 335 508
[12] » 43 262 616 689 703 795

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13651	9.3	22h 36m 33.58	+2.8159	+0.0102	+28° 17′ 49.3	+18.740	+0.138	75.8	42 419 496	28° 4438
13652	9.0	36 43.22	2.8082	0.0105	29 3 56.1	18.745	0.137	72.8	41 44 49	28 4439
13653	9.5	36 44.70	2.7997	0.0109	29 51 10.2	18.746	0.137	81.9	876	29 4739*
13654	9.5	36 50.97	2.8334	0.0096	26 43 0.6	18.749	0.139	75.1	144 157 505	26 4484
13655	8.9	36 57.77	2.8088	0.0105	29 4 29.0	18.752	0.137	73.5	44 49 263	28 4440
13656	7.8	22 37 3.65	+2.8276	+0.0098	+27 20 5.1	+18.755	+0.138	78.6	8 obs.	27 4388
13657	9.5	37 4.54	2.8493	0.0089	25 13 40.4	18.756	0.139	80.8	791	25 4793*
13658	8.9	37 4.63	2.8259	0.0099	27 30 10.7	18.756	0.138	74.6	5 obs. [1]	27 4389
13659	9.3	37 6.22	2.8349	0.0096	26 38 28.4	18.757	0.138	80.5	331 800 1127	26 4487
13660	**3.0**	**37 8.69**	**2.8040**	**0.0108**	**29 34 4.6**	**18.758**	**0.137**		**Fund. Cat.**	**29 4741**
13661	9.5	22 37 24.99	+2.8480	+0.0091	+25 26 31.9	+18.766	+0.139	74.5	39 150 416	25 4794
13662	8.7	37 33.16	2.8515	0.0089	25 7 47.1	18.771	0.138	78.2	6 obs. [2]	25 4795
13663	8.7	37 35.43	2.8448	0.0092	25 48 8.1	18.772	0.138	80.1	7 obs.	25 4796
13664	8.1	37 46.44	2.8073	0.0108	29 26 12.0	18.777	0.136	76.1	43 501 521	29 4742
13665	8.0	37 54.26	2.8331	0.0098	27 1 49.1	18.781	0.137	77.6	157 503(2) 505 807	26 4488
13666	9.5	22 37 54.59	+2.8111	+0.0107	+29 7 14.0	+18.781	+0.136	90.8	1604	29 4743*
13667	8.7	37 56.71	2.8435	0.0093	26 1 12.0	18.782	0.137	80.0	7 obs.	25 4799
13668	8.2	37 57.40	2.8133	0.0106	28 56 2.5	18.783	0.136	76.8	42 53 496 1020	28 4442
13669	8.0	38 4.00	2.8170	0.0105	28 37 20.6	18.786	0.136	76.7	134 499 610	28 4443
13670	9.5	38 5.58	2.8128	0.0106	29 1 7.3	18.787	0.135	73.7	134	— —
13671	9.1	22 38 11.14	+2.8011	+0.0112	+30 7 53.7	+18.790	+0.135	84.8	1132 1133	30 4787*
13672	8.2	38 13.87	2.8349	0.0098	26 56 32.1	18.791	0.136	79.9	702 707	26 4489
13673	9.1	38 16.22	2.8239	0.0102	28 1 1.8	18.792	0.135	73.8	45 55 142 327	27 4395
13674	9.3	38 16.99	2.8071	0.0109	29 36 0.9	18.793	0.135	81.5	616 703 1022 1031	29 4744
13675	8.6	38 20.40	2.8142	0.0106	28 57 17.2	18.795	0.135	81.8	42 1025 1485	28 4444
13676	9.5	22 38 25.08	+2.8387	+0.0097	+26 37 19.3	+18.797	+0.136	73.8	148	— —
13677	8.7	38 47.16	2.8456	0.0094	26 2 29.0	18.808	0.136	79.8	700 704	25 4802
13678	9.0	38 52.83	2.8086	0.0110	29 38 11.5	18.811	0.134	75.8	43 423 521	29 4745
13679	9.2	39 0.61	2.8047	0.0112	30 2 6.5	18.815	0.133	79.9	709	29 4748*
13680	9.2	39 20.97	2.8079	0.0112	29 50 15.5	18.825	0.133	93.8	1862	29 4750*
13681	8.6	22 39 31.58	+2.8555	+0.0091	+25 14 16.8	+18.831	+0.135	80.8	8 obs.	25 4805
13682	8.7	39 32.75	2.8335	0.0101	27 26 37.6	18.831	0.133	79.8	327 622 1130	27 4397
13683	9.0	39 33.90	2.8354	0.0101	27 15 47.0	18.832	0.134	83.5	946 1028 1043	27 4398
13684	8.5	39 39.43	2.8081	0.0112	29 54 21.1	18.835	0.132	82.4	5 obs. [3]	29 4752
13685	7.2	39 44.71	2.8096	0.0112	29 47 49.5	18.837	0.132	80.3	423 1040	29 4753
13686	9.2	22 39 46.17	+2.8053	+0.0114	+30 12 38.5	+18.838	+0.132	93.1	1747 1752 1855	30 4795
13687	8.7	39 50.82	2.8211	0.0107	28 44 19.7	18.840	0.133	80.1	496 610 1033	28 4446
13688	9.4	39 53.86	2.8126	0.0111	29 33 36.3	18.842	0.132	83.8	1025 1038	29 4754
13689	9.3	39 56.36	2.8075	0.0113	30 3 36.0	18.843	0.132	80.2	702 709 800	29 4756
13690	9.3	40 5.23	2.8292	0.0104	28 0 39.0	18.847	0.133	90.1	1040 1757 1854	27 4401
13691	9.4	22 40 6.05	+2.8539	+0.0093	+25 33 8.7	+18.848	+0.134	83.8	1031 1043	25 4807
13692	9.0	40 8.39	2.8406	0.0100	26 54 11.3	18.849	0.133	77.8	336 505 704	26 4498
13693	9.0	40 10.60	2.8095	0.0113	29 56 7.8	18.850	0.132	83.2	808 1036 1132	29 4757
13694	8.2	40 13.19	2.8480	0.0096	26 11 23.6	18.851	0.133	84.1	1022 1035 1133	26 4499
13695	9.0	40 15.71	2.8568	0.0092	25 17 44.0	18.853	0.134	88.3	1037 1753	25 4808
13696	9.4	22 40 22.51	+2.8304	+0.0104	+27 58 36.9	+18.856	+0.132	78.9	622	27 4403*
13697	9.0	40 22.86	2.8069	0.0115	30 14 23.3	18.856	0.131	93.7	1849 1856 1857 1858	30 4797
13698	7.8	40 44.74	2.8575	0.0093	25 21 38.3	18.867	0.133	88.4	1041 1755	25 4809
13699	8.4	40 46.03	2.8614	0.0092	24 57 8.3	18.868	0.133	83.8	1023 1036	24 4654
13700	7.6	40 46.97	2.8596	0.0092	25 8 45.5	18.868	0.133	82.8	707 1020 1027 1028	25 4810

[1] Z. 38 55 133 327 508 [2] Z. 151 264 689 700 704 802 [3] Z. 616 707 1024 1044 1131

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
13701	9.0	22h 40m 51s.38	+2s.8205	+0s.0109	+29° 5' 29".6	+18".870	+0".131	78.1	496 499 610	28° 4450
13702	9.4	40 51.96	2.8258	0.0107	28 34 40.0	18.871	0.131	84.3	499 1609	28 4451
13703	9.4	40 56.13	2.8107	0.0114	30 2 58.7	18.873	0.130	74.8	43 423	29 4761
13704	8.6	40 59.35	2.8334	0.0104	27 51 40.9	18.874	0.131	81.2	327 1037 1039	27 4405
13705	8.2	41 4.48	2.8195	0.0110	29 15 5.1	18.877	0.131	80.4	702 808	29 4763
13706	9.1	22 41 23.15	+2.8586	+0.0094	+25 24 42.9	+18.886	+0.132	84.1	1022 1033 1127	25 4813
13707	8.6	41 28.58	2.8375	0 0103	27 36 2.4	18.889	0.130	82.2	622 1031 1044	27 4407
13708	9.0	41 32.45	2.8443	0.0100	26 55 28.4	18.891	0.131	79.1	5 obs.[1]	26 4502
13709	8.2	41 50.82	2.8196	0.0112	29 28 18.8	18.899	0.129	76.8	43 613 616	29 4767
13710	9.3	41 53.91	2.8144	0.0114	29 59 31.5	18.901	0.129	83.8	1027	29 4768*
13711	9.4	22 42 6.74	+2.8216	+0.0112	+29 21 40.2	+18.907	+0.129	83.8	946 1038 1130	29 4769
13712	8.5	42 9.46	2.8154	0.0114	29 58 0.6	18.909	0.129	83.8	1028 1044	29 4771
13713	8.3	42 11.39	2.8623	0.0093	25 15 2.6	18.910	0.131	83.1	703 1020 1043 1131	25 4815
13714	9.1	42 14.40	2.8252	0.0110	29 2 24.5	18.911	0.129	82.4	496 1132 1133	28 4456*
13715	8.1	42 34.24	2.8419	0.0104	27 27 47.1	18.921	0.129	78.1	133 327 622 1039	27 4413
13716	8.5	22 42 37.34	+2.8361	+0.0107	+28 4 8.8	+18.922	+0.129	83.8	1023 1035 1041	27 4414
13717	9.5	42 38.62	2.8512	0.0100	26 32 1.5	18.923	0.129	83.8	1025 1040	26 4505
13718	8.0	42 46.09	2.8629	0.0095	25 20 42.6	18.926	0.130	83.8	1024 1033 1037	25 4818
13719	9.5	42 46.25	2.8552	0.0098	26 9 6.5	18.926	0.129	79.9	336 702 707 1038	26 4506
13720	9.2	42 48.45	2.8396	0.0106	27 46 9.6	18.927	0.129	88.3	1036 1747	27 4415
13721	9.2	22 42 48.65	+2.8158	+0.0116	+30 7 34.3	+18.927	+0.127	90.4	1324 1327 1858 1861	30 4811*
13722	9.5	42 52.36	2.8616	0.0095	25 30 22.2	18.929	0.130	85.3	507 1752	25 4819
13723	9.5	42 55.01	2.8412	0.0105	27 38 24.8	18.931	0.128	75.8	327 335	27 4418
13724	8.6	43 7.47	2.8510	0.0101	26 41 51.1	18.937	0.129	80.8	503 (2) 1028 1043	26 4507
13725	9.1	43 11.83	2.8501	0.0101	26 48 9.9	18.939	0.129	84.8	1127 1129	26 4508*
13726	7.5	22 43 13.63	+2.8592	+0.0097	+25 51 10.8	+18.940	+0.129	82.8	689 1022 1025 1041	25 4820
13727	9.2	43 22.09	2.8247	0.0113	29 26 4.6	18.944	0.127	80.9	808	29 4773*
13728	8.5	43 25.65	2.8177	0.0116	30 8 32.3	18.945	0.126	81.2	6 obs.[2]	30 4815
13729	8.9	43 31.91	2.8295	0.0112	29 0 19.1	18.948	0.127	78.3	499 610	28 4459
13730	9.4	43 38.87	2.8502	0.0102	26 55 23.4	18.952	0.128	85.8	704 1031 1849	26 4511
13731	9.2	22 43 45.71	+2.8530	+0.0101	+26 39 24.9	+18.955	+0.128	80.9	808	— —
13732	8.9	43 47.43	2.8506	0.0103	26 55 38.9	18.956	0.127	81.1	704 709 1020	26 4512
13733	7.8	43 51.56	2.8377	0.0109	28 16 57.4	18.958	0.127	80.8	134 1024 1137	28 4461
13734	8.4	43 53.67	2.8201	0.0116	30 3 12.4	18.959	0.126	81.8	5 obs.[3]	29 4776
13735	8.7	44 9.99	2.8353	0.0111	28 37 3.1	18.966	0.126	78.8	496 610 689	28 4462
13736	8.6	22 44 43.44	+2.8573	+0.0102	+26 30 0.8	+18.982	+0.126	82.3	703 806 1033 1130	26 4514
13737	9.4	45 1.53	2.8344	0.0113	28 58 18.3	18.991	0.124	82.3	6 obs.[4]	28 4465
13738	9.0	45 6.20	2.8545	0.0104	26 54 4.6	18.993	0.125	79.1	144 157 1036 1131	26 4515
13739	8.8	45 19.17	2.8563	0.0103	26 46 17.8	18.999	0.125	80.3	505 689 702 1023	26 4517
13740	8.5	45 20.18	2.8391	0.0111	28 34 18.0	18.999	0.124	73.0	42 44 49 134	28 4468
13741	8.9	22 45 21.43	+2.8365	+0.0113	+28 51 43.4	+19.000	+0.124	79.6	5 obs.[5]	28 4469
13742	8.4	45 25.38	2.8340	0.0114	29 8 14.4	19.002	0.124	76.0	43 143 613 616	29 4783
13743	6.7	45 27.70	2.8664	0.0099	25 43 41.8	19.003	0.125	76.8	39 150 1024	25 4828
13744	8.7	45 32.47	2.8516	0.0106	27 20 17.9	19.005	0.125	74.1	6 obs.[6]	27 4426
13745	8.8	45 34.40	2.8576	0.0103	26 43 0.7	19.006	0.125	81.8	7 obs.	26 4518
13746	9.0	22 45 41.36	+2.8673	+0.0099	+25 42 19.8	+19.009	+0.125	80.3	151 264 1036 1486	25 4830
13747	8.8	45 49.26	2.8233	0.0119	30 20 53.8	19.013	0.122	92.8	1747 1752	*30 4822*
13748	7.8	45 49.80	2.8329	0.0115	29 22 55.2	19.013	0.123	76.3	43 262 422 803	29 4786
13749	8.9	45 56.79	2.8273	0.0118	29 59 12.2	19.016	0.123	80.7	8 obs.	29 4787
13750	9.1	46 0.86	2.8321	0.0116	29 30 52.4	19.018	0.123	75.8	333	29 4788*

[1] Z. 336 703 704 707 709
[2] » 43 616 806 1035 1040 1329
[3] Z. 613 799 806 1023 1139
[4] » 707 709 946 1022 1028 1037
[5] Z. 41 525 622 1025 1132
[6] » 36 45 55 133 335 420

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13751	9.0[1]	22h 46m 1s.42	+2s.8336	+0s.0115	+29° 21' 58".9	+19".019	+0".123	82.1	262 613 1750	29° 4789
13752	8.7	46 2.71	2.8311	0.0117	29 37 30.0	19.019	0.123	81.8	6 obs.[2]	29 4790
13753	8.5	46 4.31	2.8398	0.0113	28 44 17.0	19.020	0.123	76.1	53 502 506	28 4472
13754	8.9	46 7.51	2.8322	0.0116	29 32 44.0	19.021	0.123	78.8	333 616 706 800	29 4791
13755	9.0	46 14.98	2.8386	0.0114	28 55 30.0	19.025	0.123	80.8	6 obs.[3]	28 4473
13756	8.3	22 46 24.73	+2.8341	+0.0116	+29 26 25.0	+19.029	+0.122	78.6	247 700 703 708	29 4792
13757	9.0	46 33.25	2.8417	0.0113	28 41 48.7	19.033	0.122	82.2	134 1604	— —
13758	8.8	46 53.08	2.8420	0.0113	28 46 40.6	19.042	0.121	75.2	7 obs.	28 4475
13759	9.3	47 6.13	2.8427	0.0114	28 46 8.3	19.048	0.121	74.8	263	28 4476*
13760	7.4	47 10.20	2.8656	0.0103	26 18 52.1	19.050	0.122	78.0	5 obs.[4]	26 4524
13761	9.1	22 47 13.48	+2.8625	+0.0105	+26 40 38.6	+19.052	+0.122	84.8	1127 1129 1130	26 4525*
13762	8.8	47 20.77	2.8647	0.0104	26 28 23.6	19.055	0.122	79.4	17 obs.	26 4526
13763	9.5	47 21.64	2.8694	0.0101	25 57 23.2	19.055	0.122	82.3	150 1609	25 4834*
13764	9.3	47 31.23	2.8598	0.0107	27 3 58.8	19.060	0.121	76.1	266 331 505	26 4527
13765	7.5	47 39.67	2.8312	0.0120	30 5 52.6	19.063	0.120	76.5	262 422 521	29 4797
13766	9.4	22 47 43.31	+2.8700	+0.0102	+25 59 29.7	+19.065	+0.122	74.8	39 416	25 4835
13767	8.7	47 43.37	2.8332	0.0120	29 57 24.2	19.065	0.120	74.3	43 143 247 333	29 4798
13768	9.5	47 43.57	2.8762	0.0099	25 18 13.8	19.065	0.122	73.8	150	25 4836*
13769	7.5	47 51.39	2.8525	0.0111	27 57 46.6	19.069	0.120	74.5	6 obs.[5]	27 4434
13770	8.8	47 54.20	2.8673	0.0104	26 21 30.8	19.070	0.121	78.8	15 obs.	26 4528
13771	9.2	22 48 1.55	+2.8588	+0.0108	+27 19 54.9	+19.073	+0.121	79.8	244 335 1485	27 4435
13772	7.7	48 13.83	2.8592	0.0109	27 21 10.0	19.079	0.120	74.7	6 obs.[6]	27 4436
13773	9.0	48 14.91	2.8780	0.0099	25 15 37.6	19.079	0.121	75.5	39 325 515	25 4837
13774	9.0	48 23.42	2.8614	0.0108	27 9 14.8	19.083	0.120	79.0	5 obs.[7]	27 4438
13775	9.3	48 26.63	2.8669	0.0105	26 34 11.1	19.085	0.121	75.4	5 obs.[8]	26 4529
13776	8.8	22 48 32.65	+2.8386	+0.0119	+29 39 57.0	+19.087	+0.118	78.8	143 521 1131	29 4803
13777	8.7	48 38.45	2.8481	0.0115	28 41 34.5	19.090	0.119	74.6	9 obs.	28 4479
13778	9.0	48 51.88	2.8810	0.0098	25 5 20.8	19.096	0.120	73.8	151	— —
13779	9.2	48 54.64	2.8809	0.0098	25 6 37.7	19.097	0.120	76.6	6 obs.[9]	25 4839
13780	7.7	48 57.30	2.8614	0.0109	27 20 36.3	19.098	0.119	73.4	5 obs.[10]	27 4442
13781	9.0	22 49 11.75	+2.8357	+0.0122	+30 11 39.3	+19.105	+0.118	75.1	143 262 422	30 4837
13782	9.0	49 13.89	2.8789	0.0100	25 26 58.5	19.106	0.120	74.5	39 264 325	25 4841
13783	9.0	49 14.84	2.8456	0.0118	29 9 37.0	19.106	0.118	80.1	6 obs.[11]	29 4807
13784	8.3	49 49.21	2.8398	0.0122	29 58 10.6	19.121	0.116	75.8	247 333 422	29 4810
13785	9.5	49 52.55	2.8728	0.0106	26 21 14.3	19.123	0.118	73.8	144 148 157	26 4533
13786	9.5	22 50 23.90	+2.8546	+0.0116	+28 33 50.7	+19.137	+0.116	90.9	1609	28 4486*
13787	9.0	50 28.40	2.8731	0.0107	26 30 8.5	19.139	0.117	75.3	144 266 331 418	26 4534
13788	9.5	50 33.21	2.8546	0.0117	28 36 43.8	19.141	0.116	74.3	41 44 134 525	— —
13789	9.0	50 41.56	2.8486	0.0120	29 19 24.0	19.144	0.116	74.5	43 143 422	29 4814
13790	8.9	50 44.22	2.8409	0.0123	30 10 47.6	19.145	0.115	76.1	262 333 501	30 4846
13791	8.9	22 50 51.60	+2.8822	+0.0103	+25 33 30.0	+19.148	+0.117	78.9	10 obs.	25 4847
13792	9.5	50 54.78	2.8865	0.0100	25 5 21.3	19.150	0.117	78.6	7 obs.	24 4684
13793	9.0	50 55.43	2.8703	0.0109	26 57 42.4	19.150	0.116	78.1	148 157 336 1486	26 4535
13794	8.5	50 55.46	2.8811	0.0104	25 43 15.5	19.150	0.116	77.6	5 obs.[12]	25 4848
13795	9.5	51 7.17	2.8522	0.0119	29 4 27.0	19.155	0.115	72.8	49	28 4489*
13796	9.2	22 51 12.45	+2.8562	+0.0117	+28 39 21.0	+19.158	+0.115	83.3	147 1747	28 4490
13797	9.5	51 19.02	2.8653	0.0113	27 40 6.9	19.160	0.115	76.6	244 335 511 524	27 4447
13798	9.0	51 19.02	2.8686	0.0111	27 17 33.8	19.160	0.115	73.3	45 146	27 4448*
13799	9.5	51 30.50	2.8622	0.0115	28 5 32.5	19.165	0.115	74.8	133 244 335	27 4450
13800	9.1	51 34.24	2.8693	0.0111	27 17 39.2	19.167	0.115	77.5	420 508 511	27 4451

[1] Double; north

[2] Z. 143 804 946 1035 1135 1137

[3] » 263 610 622 797 1230 1231

[4] » 144 157 702 791 876

[5] Z. 36 45 55 133 420 524

[6] » 45 55 146 244 335 524

[7] » 133 420 508 511 1486

[8] » 148 157 266 418 505

[9] Z. 150 151 264 416 706 795

[10] » 36 45 55 133 244

[11] » 43 333 521 1127 1129 1130

[12] » 150 416 515 621 797

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13801	8.8	22h 51m 38.67	+2.8541	+0.0120	+29° 2′ 9.8	+19.169	+0.114	74.4	7 obs.	28° 4493
13802	9.0	51 58.13	2.8499	0.0122	29 37 0.5	19.177	0.113	76.8	247 339 521 613	29 4820
13803	9.2	51 58.36	2.8516	0.0122	29 26 16.4	19.177	0.113	74.8	43 143 501	29 4819
13804	10.0	52 5.12	2.8857	0.0104	25 32 35.8	19.180	0.115	77.4	151 808	— —
13805	9.1	52 9.20	2.8700	0.0112	27 24 28.6	19.182	0.114	83.8	807 1130 1131 1132	27 4454*
13806	9.0	22 52 10.83	+2.8668	+0.0114	+27 47 24.2	+19.183	+0.114	74.3	36 45 133 524	27 4455
13807	9.2	52 11.62	2.8500	0.0123	29 41 47.8	19.183	0.113	75.8	333	29 4822*
13808	8.6	52 16.30	2.8502	0.0123	29 41 48.5	19.185	0.113	77.5	333 501 616	29 4824
13809	9.3	52 21.63	2.8611	0.0118	28 29 53.6	19.187	0.113	74.2	6 obs.[1]	28 4494
13810	8.9	52 28.48	2.8521	0.0123	29 33 13.3	19.190	0.113	76.5	262 422 521	29 4826
13811	9.0	22 52 40.22	+2.8874	+0.0104	+25 31 18.0	+19.195	+0.114	75.3	39 150 264 689	25 4852
13812	8.6	52 45.68	2.8640	0.0117	28 18 41.5	19.197	0.112	73.2	49 53 134	28 4496
13813	8.0	52 54.44	2.8771	0.0110	26 49 50.6	19.201	0.113	75.1	8 obs.[2]	26 4539
13814	9.5	52 54.93	2.8637	0.0118	28 23 43.3	19.201	0.112	73.7	134	— —
13815	7.7[3]	52 58.18	2.8752	0.0111	27 4 35.9	19.203	0.113	84.8	1127 1129 1133	26 4540
13816	9.5	22 53 4.37	+2.8622	+0.0119	+28 37 26.4	+19.205	+0.112	75.6	42 147 502 525	28 4497
13817	9.1	53 5.73	2.8603	0.0120	28 50 58.4	19.206	0.112	75.1	44 263 506	28 4498
13818	9.5	53 5.76	2.8882	0.0104	25 34 3.7	19.206	0.113	92.8	1752 1755	25 4853
13819	9.0	53 8.24	2.8786	0.0110	26 43 52.5	19.207	0.113	75.3	148 266 336 418	26 4541
13820	9.0	53 8.97	2.8820	0.0108	26 19 18.0	19.207	0.113	80.2	6 obs.[4]	26 4542
13821	8.9	22 53 33.78	+2.8567	+0.0123	+29 25 10.2	+19.218	+0.111	82.8	43 1747	29 4828
13822	9.0	53 38.01	2.8625	0.0120	28 46 55.1	19.219	0.111	73.5	41 49 263	28 4500
13823	8.8	53 42.50	2.8927	0.0103	25 12 42.4	19.221	0.112	75.3	151 152 325 515	25 4854
13824	8.3	53 43.33	2.8947	0.0102	24 58 27.9	19.221	0.112	73.8	39 150 264	24 4694
13825	8.2	53 49.26	2.8576	0.0123	29 24 27.2	19.224	0.110	75.0	5 obs.[5]	29 4830
13826	9.0	22 53 57.95	+2.8748	+0.0114	+27 28 5.1	+19.227	+0.111	75.6	5 obs.[6]	27 4462
13827	8.6	54 3.25	2.8676	0.0118	28 20 5.6	19.230	0.111	75.4	8 obs.	28 4501
13828	8.5	54 15.03	2.8802	0.0112	26 54 39.6	19.235	0.111	73.8	144 148 157	26 4543
13829	9.0	54 21.36	2.8869	0.0108	26 8 23.3	19.237	0.111	78.3	9 obs.	26 4544
13830	8.8	54 27.70	2.8851	0.0109	26 23 48.7	19.240	0.111	76.5	266 418 505	26 4545
13831	9.3	22 54 31.91	+2.8943	+0.0104	+25 16 31.1	+19.242	+0.111	77.8	150 151 264 1486	25 4859
13832	9.0	54 41.74	2.8761	0.0115	27 33 54.8	19.246	0.110	79.2	7 obs.	27 4467
13833	8.5	54 45.54	2.8905	0.0107	25 49 55.1	19.247	0.110	79.1	7 obs.	25 4860
13834	9.2	54 47.91	2.8624	0.0123	29 12 38.6	19.248	0.109	75.1	143 262 422	29 4832
13835	7.8	55 4.01	2.8891	0.0109	26 6 38.7	19.255	0.110	86.3	712 1750	25 4861
13836	9.0	22 55 9.09	+2.8876	+0.0110	+26 19 27.2	+19.257	+0.109	78.7	148 706 707 708(2)	26 4549
13837	9.0	55 9.79	2.8812	0.0114	27 6 54.7	19.257	0.109	75.8	133 142 511 524	27 4470
13838	9.5	55 14.60	2.8616	0.0125	29 28 31.6	19.259	0.108	86.8	1324	29 4836*
13839	8.2	55 22.50	2.8742	0.0118	28 1 53.4	19.262	0.108	75.1	45 244 508	27 4471
13840	9.0	55 44.88	2.8630	0.0125	29 29 57.8	19.271	0.107	81.5	8 obs.	29 4838
13841	9.5	22 55 47.61	+2.8695	+0.0122	+28 45 4.4	+19.272	+0.107	83.8	1033	28 4504*
13842	9.5	56 13.85	2.8850	0.0114	27 1 26.9	19.283	0.108	79.9	706	26 4553*
13843	8.2	56 13.90	2.8710	0.0122	28 43 24.8	19.283	0.107	75.1	42 263 502	28 4506
13844	9.0	56 26.34	2.8813	0.0116	27 32 42.2	19.288	0.107	84.9	1137 1138 1139	27 4475
13845	9.5	56 32.83	2.8713	0.0123	28 48 36.3	19.291	0.106	82.1	263 506 1849	28 4508
13846	8.4	22 56 36.29	+2.8688	+0.0124	+29 7 58.3	+19.292	+0.106	78.3	521 613	29 4841
13847	8.9	56 37.70	2.8982	0.0107	25 30 0.0	19.292	0.107	77.8	150 151 1030	25 4865
13848	9.0	56 39.37	2.8594	0.0130	30 15 32.5	19.293	0.105	92.8	1751 1752	*30 4864*
13849	9.1	56 39.73	2.8726	0.0122	28 42 6.9	19.293	0.106	72.8	42	28 4509*
13850	8.7	56 40.74	2.8740	0.0121	28 31 57.3	19.294	0.106	82.6	506 876 1029 1331	28 4510

[1] Z. 41 42 44 53 502 525
[2] » 144 145 148 157(2) 331 503(2)
[3] Double; south
[4] Z. 266 621 708 801 876 1138
[5] Z. 43 143 247 333 501
[6] » 45 133 335 511 524

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13851	8.3	22h 57m 0.14	+2.8871	+0.0115	+27° 1' 21.4	+19.301	+0.106	78.8	6 obs.[1]	26°4555
13852	9.5	57 3.21	2.8854	0.0116	27 15 37.5	19.303	0.106	92.3	1609 1862	27 4476*
13853	9.3	57 9.07	2.8667	0.0127	29 35 4.3	19.305	0.105	83.7	1025	29 4844*
13854	8.6	57 15.74	2.9048	0.0105	24 51 10.2	19.308	0.106	92.8	1750 1755	*24 4702*
13855	9.0	57 19.62	2.8716	0.0125	29 3 43.8	19.309	0.105	81.8	502 1023 1031	28 4511
13856	9.4	22 57 39.89	+2.8873	+0.0117	+27 14 57.4	+19.317	+0.105	88.4	508 1855 1857	27 4479
13857	8.2	57 42.88	2.8715	0.0126	29 13 47.3	19.318	0.104	79.2	521 616 804	29 4846
13858	var.	57 42.99	2.8862	0.0117	27 24 18.1	19.318	0.105		Fund. Cat.	27 4480
13859	8.9	57 47.97	2.8802	0.0121	28 10 55.8	19.320	0.104	92.8	1753 1757	28 4513
13860	9.5	58 4.09	2.8844	0.0119	27 45 28.6	19.326	0.104	93.8	1861 1864	27 4481
13861	9.5	22 58 9.12	+2.8852	+0.0119	+27 41 21.3	+19.328	+0.104	84.3	244 1875	27 4483
13862	8.4	58 11.69	2.8815	0.0121	28 9 43.0	19.329	0.104	77.4	7 obs.	28 4515
13863	8.7	58 15.71	2.8899	0.0117	27 8 20.7	19.331	0.104	85.0	5 obs.[2]	27 4484
13864	9.0	58 26.34	2.8652	0.0132	30 16 2.1	19.335	0.103	93.9	1866 1868 1869	30 4868
13865	9.1	58 27.76	2.8741	0.0126	29 11 29.7	19.336	0.103	79.5	613 616 804	29 4850*
13866	9.3	22 58 29.11	+2.9009	+0.0110	+25 47 31.5	+19.336	+0.104	75.8	150 325 515	25 4867
13867	8.6	58 31.26	2.8917	0.0116	27 0 4.8	19.337	0.103	82.1	15 obs.	26 4559
13868	9.0	58 38.42	2.8857	0.0120	27 48 22.3	19.339	0.103	79.8	8 obs.	27 4485
13869	9.5	58 43.28	2.8740	0.0127	29 17 37.0	19.342	0.103	73.3	43 143	29 4851*
13870	8.3	59 3.85	2.8891	0.0119	27 31 41.4	19.350	0.102	75.5	146 244 524	27 4487
13871	8.8	22 59 11.24	+2.8885	+0.0119	+27 39 18.8	+19.352	+0.102	78.8	508 703	27 4488
13872	8.5	59 17.46	2.8992	0.0113	26 18 29.8	19.355	0.102	73.8	144 145 148	26 4560
13873	9.2	59 18.14	2.8800	0.0125	28 47 13.4	19.355	0.101	80.8	802	— —
13874	9.3	59 19.18	2.8797	0.0125	28 49 47.1	19.355	0.101	93.9	1872	28 4517*
13875	9.5	59 24.09	2.9064	0.0109	25 23 44.4	19.357	0.102	84.3	264 1862	25 4871
13876	7.7	22 59 24.71	+2.9069	+0.0109	+25 20 6.5	+19.358	+0.102	73.8	150 151 158	25 4870
13877	7.5	59 27.60	2.8842	0.0123	28 18 49.8	19.359	0.102	75.5	6 obs.[3]	28 4518
13878	9.0	59 37.38	2.8898	0.0120	27 39 13.0	19.362	0.101	73.8	133 154	27 4490*
13879	8.0	59 45.11	2.8712	0.0132	30 2 55.2	19.365	0.100	75.5	156 258 521	29 4855
13880	8.3	23 0 3.94	2.8863	0.0123	28 17 8.4	19.372	0.101	74.3	42 44 49 622	28 4522
13881	8.6	23 0 14.72	+2.8795	+0.0128	+29 13 13.8	+19.376	+0.100	75.8	5 obs.[4]	29 4856
13882	9.5	0 17.51	2.9089	0.0110	25 22 58.1	19.377	0.101	73.3	39 150	25 4878*
13883	9.4	0 22.22	2.8751	0.0131	29 49 17.1	19.379	0.099	79.9	706	— —
13884	9.0	0 27.76	2.8780	0.0130	29 29 53.7	19.381	0.099	79.9	708 709 712 715	29 4857*
13885	7.7	0 30.20	2.8745	0.0132	29 56 41.2	19.382	0.099	76.8	143 156 258 1131	29 4858
13886	9.0	23 0 30.93	+2.8875	+0.0124	+28 17 28.6	+19.382	+0.100	83.8	263 1752	28 4523
13887	9.0	0 31.62	2.8870	0.0124	28 22 12.3	19.383	0.100	74.8	42 147 506	28 4524
13888	8.2	0 33.84	2.8716	0.0134	30 20 9.9	19.384	0.099	93.5	1753 1864 1865	*30 4875*
13889	9.4	0 40.59	2.8803	0.0129	29 17 7.6	19.386	0.099	81.9	874	29 4859*
13890	8.8	0 47.30	2.8751	0.0133	30 0 4.1	19.389	0.098	76.5	261 333 613	29 4860
13891	9.3	23 0 49.20	+2.8768	+0.0132	+29 47 16.1	+19.389	+0.099	79 9	707	— —
13892	9.0	0 50.85	2.9015	0.0116	26 34 46.1	19.390	0.099	75.1	6 obs.[5]	26 4563
13893	9.5	0 59.12	2.8822	0.0129	29 10 20.3	19.393	0.099	81.9	876	29 4861*
13894	5.0	1 1.52	2.9151	0.0107	24 47 38.0	19.394	0.100	84.8	1127 1129 1130	*24 4716*
13895	9.3	1 6.85	2.8859	0.0127	28 44 1.5	19.396	0.099	84.6	802 1141 1236 1324	28 4528*
13896	9.4	23 1 25.33	+2.8990	+0.0119	+27 8 3.9	+19.403	+0.099	75.7	7 obs.	27 4494
13897	7.0	1 39.02	2.8828	0.0130	29 22 43.5	19.408	0.097	74.5	43 143 261 422	29 4862
13898	9.1	1 39.32	2.9028	0.0117	26 43 6.4	19.408	0.098	85.9	1231 1232 1233	26 4566*
13899	9.5	1 40.91	2.9103	0.0112	25 42 39.5	19.409	0.098	79.8	151 264 1609	— —
13900	9.3	1 44.73	2.9062	0.0115	26 17 12.3	19.410	0.098	73.8	144 145 148 157	26 4567

[1] Z. 418 503(2) 689 707 804
[2] » 1023 1028 1033 1328 1329
[3] Z. 41 53 147 502 506 525
[4] » 43 162 339 501 616
[5] Z. 144 145 148 157 503(2)

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13901	7.4	23h 1m 46.74	+2.8802	+0.0132	+29° 45' 47.9	+19.411	+0.097	77.6	156 162 713 946	29° 4863
13902	8.8	1 50.44	2.8765	0.0135	30 15 15.8	19.412	0.097	86.2	5 obs.[1]	30 4880
13903	8.5	1 50.61	2.8781	0.0134	30 2 58.1	19.412	0.097	76.1	143 333 613	29 4864
13904	8.0	1 51.35	2.8862	0.0129	29 0 59.4	19.412	0.097	73.7	6 obs.[2]	28 4529
13905	9.3	1 56.54	2.8887	0.0127	28 42 16.9	19.414	0.097	77.4	5 obs.[3]	28 4531
13906	9.1	23 2 6.52	+2.8857	+0.0130	+29 10 5.8	+19.418	+0.097	76.8	261 616	29 4865
13907	8.6	2 12.55	2.8810	0.0133	29 49 35.5	19.420	0.097	80.3	7 obs.	29 4866
13908	9.1	2 12.56	2.9094	0.0114	26 1 8.5	19.420	0.098	84.9	1137 1138 1139 1140	25 4881*
13909	8.5	2 16.97	2.8835	0.0132	29 32 24.5	19.422	0.096	80.4	8 obs.	29 4867
13910	8.4	2 19.23	2.8817	0.0133	29 46 58.6	19.422	0.096	79.7	11 obs.	29 4868
13911	8.8	23 2 22.36	+2.9110	+0.0114	+25 51 32.1	+19.424	+0.097	76.9	39 57 150 1424	25 4882
13912	7.2	2 25.87	2.8920	0.0127	28 29 3.8	19.425	0.096	74.8	6 obs.[4]	28 4533
13913	8.5	2 26.75	2.8816	0.0134	29 51 2.5	19.425	0.096	79.0	43 687 705 1028	29 4869
13914	8.5	2 42.61	2.9031	0.0120	27 4 57.3	19.431	0.097	75.4	5 obs.[5]	26 4569
13915	9.0	2 43.22	2.8799	0.0136	30 11 37.7	19.431	0.095	76.0	5 obs.[6]	30 4885
13916	9.5	23 2 48.31	+2.8893	+0.0130	+28 59 35.7	+19.433	+0.095	81.9	876	28 4534*
13917	8.0	2 57.16	2.9142	0.0113	25 38 20.5	19.436	0.096	74.3	39 57 150 515	25 4885
13918	9.5	3 2.89	2.8998	0.0123	27 40 20.1	19.438	0.096	81.9	877	27 4499*
13919	7.5	3 5.06	2.9103	0.0116	26 14 8.8	19.439	0.096	73.8	145 148 157	26 4570
13920	9.0	3 14.66	2.8987	0.0125	27 54 33.5	19.442	0.096	75.3	8 obs.	27 4500
13921	9.1	23 3 20.58	+2.8835	+0.0135	+29 58 12.8	+19.445	+0.094	84.8	5 obs.[7]	29 4871*
13922	9.2	3 28.09	2.8910	0.0131	29 2 49.4	19.447	0.095	78.3	506 525 616 622	28 4535
13923	7.0	3 29.94	2.8914	0.0130	28 59 30.0	19.448	0.095	73.1	42 44 49 147	28 4536
13924	9.0	3 45.60	2.8971	0.0127	28 20 38.1	19.454	0.094	75.1	41 263 502	28 4537
13925	8.3	3 46.55	2.9046	0.0122	27 18 38.8	19.454	0.094	74.8	45 133 508	27 4501
13926	9.1	23 3 46.91	+2.8967	+0.0128	+28 25 27.3	+19.454	+0.094	85.9	1230 1231 1232 1233	28 4538*
13927	9.2	3 53.57	2.9008	0.0125	27 53 18.4	19.456	0.094	75.3	6 obs.[8]	27 4503
13928	9.3	3 54.35	2.9051	0.0122	27 16 59.6	19.457	0.094	77.8	133 508 874	27 4502*
13929	9.1	4 2.28	2.8918	0.0132	29 9 47.3	19.459	0.094	82.9	162 1141 1236 1327	29 4873*
13930	9.0	4 4.46	2.9013	0.0126	27 53 14.3	19.460	0.094	75.3	134 142 335 523	27 4504
13931	9.5	23 4 7.39	+2.9169	+0.0115	+25 42 36.5	+19.461	+0.094	73.8	151	— —
13932	9.5	4 17.81	2.8953	0.0130	28 47 42.0	19.465	0.093	80.8	802	28 4539*
13933	7.2	4 36.57	2.9172	0.0116	25 50 43.5	19.471	0.093	73.5	5 obs.[9]	25 4890
13934	8.2	4 44.54	2.9187	0.0115	25 41 12.1	19.474	0.093	74.2	150 151 264	25 4891
13935	8.9	4 53.73	2.9185	0.0116	25 46 6.0	19.477	0.093	78.7	9 obs.	25 4892
13936	8.8	23 4 54.61	+2.9011	+0.0128	+28 16 8.0	+19.477	+0.092	75.7	9 obs.	28 4542
13937	8.0	5 1.63	2.9043	0.0126	27 52 48.0	19.480	0.092	74.8	5 obs.[10]	27 4505
13938	9.4	5 7.66	2.8978	0.0131	28 48 52.8	19.482	0.092	80.4	6 obs.[11]	28 4545
13939	8.3	5 7.70	2.8902	0.0136	29 51 58.0	19.482	0.092	74.6	43 143 261 422	29 4876
13940	7.5	5 7.87	2.8939	0.0134	29 21 50.6	19.482	0.092	74.5	5 obs.[12]	29 4877
13941	9.1	23 5 9.29	+2.9021	+0.0128	+28 14 16.1	+19.483	+0.092	82.3	6 obs.[13]	28 4544*
13942	8.5	5 10.59	2.9169	0.0118	26 7 13.5	19.483	0.093	74.2	5 obs.[14]	26 4575
13943	9.0	5 19.07	2.9252	0.0112	24 57 34.9	19.486	0.092	79.9	708 713	24 4726
13944	9.5	5 21.28	2.8913	0.0136	29 48 44.4	19.487	0.091	79.9	709	29 4878*
13945	9.1	5 23.91	2.9152	0.0120	26 27 32.4	19.488	0.092	84.8	1127 1129 1130	26 4576*
13946	9.3	23 5 24.37	+2.9186	+0.0117	+25 57 42.5	+19.488	+0.092	77.6	39 57 151 1606	25 4893
13947	9.5	5 24.77	2.9125	0.0122	26 51 17.7	19.488	0.092	81.9	874 876 877	26 4577*
13948	9.5	5 25.70	2.8917	0.0136	29 47 30.2	19.488	0.091	79.9	709	— —
13949	9.1	5 33.27	2.9261	0.0112	24 54 38.0	19.491	0.092	83.1	689 1131 1132	*24 4727**
13950	8.3	5 42.25	2.9104	0.0124	27 16 49.8	19.494	0.091	75.8	142 146 508 511	27 4506

[1] Z. 258 501 1755 1759 1761
[2] » 41 42 44 49 53 525
[3] » 147 263 502 622 874
[4] » 41 44 53 263 502 525
[5] » 144 157 266 331 621
[6] Z. 143 333 339 422 501
[7] » 1127 1129 1130 1131 1132
[8] » 142 146 154 244 511 524
[9] » 39 57 150 152 158
[10] » 45 133 146 335 524
[11] Z. 263 613 622 712 1137 1138
[12] » 143 156 162 258 339
[13] » 41 525 946 1324 1328 1329
[14] » 144 145 148 157 331

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
13951	8.8	23h 5m 44.97	+2.9237	+0.0115	+25° 22' 49.7	+19.495	+0.092	74.2	152 158 264	25° 4894
13952	6.5	5 45.25	2.9182	0.0119	26 10 20.8	19.495	0.091	75.8	7 obs. [1]	26 4580
13953	8.4	6 17.38	2.9263	0.0114	25 10 29.7	19.506	0.090	74.9	56 150 515	25 4895
13954	9.5	6 20.06	2.9176	0.0121	26 29 41.8	19.507	0.090	81.9	874 877	26 4583*
13955	9.0	6 21.58	2.8931	0.0138	30 1 32.3	19.507	0.089	73.8	43 143 162 258	29 4880
13956	9.0	23 6 26.19	+2.9103	+0.0126	+27 36 21.1	+19.509	+0.090	74.8	45 154 508	27 4509
13957	9.5	6 34.34	2.9132	0.0125	27 14 2.9	19.512	0.090	75.8	142 335 511	27 4510
13958	8.2	6 35.64	2.9290	0.0113	24 53 39.3	19.512	0.090	85.6	1141 1230 1232 1233	*24 4731*
13959	8.9	6 36.64	2.9089	0.0128	27 53 52.3	19.512	0.090	76.5	146 514 524	27 4511
13960	9.4	6 40.49	2.9068	0.0130	28 13 14.1	19.514	0.090	79.9	705 706	28 4547*
13961	9.0	23 6 49.34	+2.9184	+0.0122	+26 35 23.4	+19.517	+0.089	74.3	144 145 148 331	26 4584
13962	8.9	6 52.81	2.9216	0.0119	26 8 12.0	19.518	0.089	78.4	157 266 623 1231	26 4585
13963	9.4	6 54.92	2.8931	0.0140	30 16 10.4	19.518	0.088	74.8	156 333	30 4902
13964	9.0	6 54.96	2.9234	0.0118	25 52 46.8	19.518	0.089	77.2	5 obs. [2]	25 4896
13965	6.5	7 0.25	2.9041	0.0133	28 45 46.8	19.520	0.089	76.0	10 obs.	28 4548
13966	9.5	23 7 2.73	+2.9262	+0.0117	+25 30 1.3	+19.521	+0.089	81.9	876 877	25 4897*
13967	8.9	7 3.26	2.9215	0.0120	26 13 3.5	19.521	0.089	74.2	144 157 266	26 4586
13968	9.1	7 24.46	2.9239	0.0119	26 0 33.5	19.528	0.089	74.6	57 151 158 515	25 4898
13969	8.9	7 25.51	2.8998	0.0137	29 33 48.6	19.529	0.088	74.3	43 162 258 333	29 4882
13970	9.4	7 29.22	2.9264	0.0117	25 39 7.4	19.530	0.089	81.9	874	25 4899*
13971	8.5	23 7 36.44	+2.9072	+0.0132	+28 35 6.1	+19.532	+0.088	77.3	7 obs.	28 4549
13972	9.3	7 40.53	2.9087	0.0132	28 23 15.3	19.534	0.088	80.5	41 502 1609	28 4550
13973	8.8	7 41.40	2.9121	0.0129	27 53 51.5	19.534	0.088	75.2	5 obs. [3]	27 4515
13974	9.5	7 44.30	2.9015	0.0137	29 28 0.3	19.535	0.087	75.4	156 162 339 501	29 4884
13975	9.5	7 45.84	2.9244	0.0120	26 4 26.1	19.535	0.088	81.9	876	25 4900*
13976	9.5	23 8 8.21	+2.9101	+0.0132	+28 23 22.8	+19.543	+0.087	73.8	147	— —
13977	9.1	8 16.43	2.9061	0.0135	29 2 18.5	19.546	0.086	78.9	506 525 808	28 4554
13978	7.0	8 17.50	2.9058	0.0136	29 5 29.4	19.546	0.086	78.9	7 obs. [4]	28 4555
13979	8.8	8 26.56	2.9025	0.0139	29 38 44.1	19.549	0.086	74.2	6 obs. [5]	29 4887
13980	9.2	8 26.94	2.9000	0.0140	30 0 59.4	19.549	0.086	79.2	5 obs. [6]	29 4886*
13981	9.4	23 8 28.83	+2.9318	+0.0116	+25 14 18.8	+19.550	+0.087	81.9	877	25 4902*
13982	8.9	8 36.77	2.9126	0.0132	28 14 40.6	19.552	0.086	79.2	5 obs. [7]	28 4556
13983	9.2	8 36.95	2.9088	0.0135	28 47 50.4	19.552	0.086	78.5	8 obs.	28 4557
13984	8.5	8 44.58	2.9300	0.0118	25 38 26.4	19.555	0.087	73.6	39 57 150 264	25 4903
13985	7.0	8 51.84	2.9189	0.0128	27 23 25.0	19.557	0.086	78.7	6 obs. [8]	27 4517
13986	9.0	23 8 59.06	+2.9348	+0.0115	+24 58 12.2	+19.559	+0.086	80.0	6 obs. [9]	24 4734
13987	9.3	9 7.40	2.9354	0.0115	24 55 56.1	19.562	0.086	73.8	152	24 4735*
13988	9.0	9 8.16	2.9329	0.0117	25 20 14.4	19.562	0.086	78.8	6 obs. [10]	25 4904
13989	8.0	9 14.74	2.9342	0.0116	25 10 48.4	19.564	0.086	79.8	623 687 802	25 4905
13990	7.0	9 15.24	2.9354	0.0115	24 59 26.6	19.565	0.085	79.6	5 obs. [11]	24 4737
13991	9.5	23 9 27.20	+2.9311	+0.0119	+25 46 8.8	+19.568	+0.085	81.9	874 881	25 4906*
13992	7.0	9 40.14	2.9201	0.0129	27 33 59.5	19.572	0.085	74.6	45 142 154 511	27 4521
13993	7.8	9 40.66	2.9342	0.0126	26 56 56.4	19.573	0.085	73.8	144 145 148 157	26 4588
13994	8.9	9 45.26	2.9254	0.0125	26 48 14.5	19.574	0.084	74.3	144 148 157 331	26 4589
13995	8.2	9 57.87	2.9211	0.0129	27 32 44.8	19.578	0.084	77.2	8 obs.	27 4523
13996	8.0	23 10 10.50	+2.9059	+0.0142	+29 59 7.3	+19.582	+0.083	74.8	5 obs. [12]	29 4890
13997	8.6	10 17.08	2.9348	0.0119	25 31 33.0	19.584	0.083	78.4	7 obs.	25 4907
13998	8.9	10 17.81	2.9057	0.0142	30 3 59.3	19.584	0.083	74.3	143 156 162 333	29 4891
13999	8.7	10 28.86	2.9395	0.0116	24 51 18.9	19.588	0.083	93.2	1752 1755 1864	*24 4740*
14000	8.0	10 43.28	2.9269	0.0127	27 0 32.5	19.592	0.083	80.7	8 obs.	26 4590

[1] Z. 144 145 148 266 503(2) 623
[2] » 39 150 264 416 1424
[3] » 45 142 146 511 524
[4] » 53 506 689 707(2) 806 808
[5] Z. 43 143 156 162 258 339
[6] » 613 616 622 687 689
[7] » 147 705 706 708 946
[8] » 45 146 508 524 1131 1132
[9] Z. 151 152 515 1127 1129 1130
[10] » 264 416 623 705 712 946
[11] » 39 151 158 1329 1606
[12] » 43 143 258 339 422

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14001	9.1	23h 10m 45s.87	+2s.9391	+0s.0117	+25° 2' 13".4	+19".593	+0".083	73.4	56 57 150 158	24° 4742
14002	7.8	10 53.30	2.9102	0.0141	29 41 32.5	19.595	0.082	74.1	43 143 156 339	29 4893
14003	9.5	10 54.97	2.9383	0.0118	25 15 9.4	19.596	0.082	81.9	874 876	25 4908*
14004	9.1	11 1.85	2.9339	0.0122	26 0 40.5	19.598	0.082	74.3	152 264	25 4909
14005	8.0	11 10.34	2.9224	0.0133	27 55 32.8	19.601	0.082	75.6	45 146 508 524	27 4526
14006	7.7	23 11 13.75	+2.9145	+0.0139	+29 11 28.3	+19.602	+0.082	74.4	156 162 261 262	29 4895
14007	9.4	11 19.00	2.9361	0.0121	25 46 58.4	19.603	0.082	89.5	10 obs.	25 4910
14008	8.8	11 21.53	2.9090	0.0144	30 5 45.8	19.604	0.081	84.8	5 obs.[1]	29 4896
14009	9.5	11 21.84	2.9361	0.0121	25 47 52.0	19.604	0.082	80.8	802	25 4911*
14010	9.1	11 29.15	2.9338	0.0124	26 14 49.4	19.606	0.082	74.4	5 obs.[2]	26 4593
14011	9.0	23 11 30.64	+2.9246	+0.0132	+27 44 3.5	+19.607	+0.081	75.8	154 244 622	27 4527
14012	9.4	11 42.78	2.9370	0.0122	25 48 55.8	19.611	0.081	81.9	877	25 4912*
14013	8.5	11 43.85	2.9277	0.0130	27 20 40.2	19.611	0.081	80.5	511 622 1137	27 4528
14014	9.5	11 44.26	2.9101	0.0144	30 7 48.5	19.611	0.081	73.9	162	30 4919*
14015	7.2	11 48.97	2.9126	0.0143	29 46 35.8	19.612	0.080	80.8	43 422 1753	29 4899
14016	7.3	23 12 7.66	+2.9315	+0.0128	+26 55 6.1	+19.618	+0.080	78.7	7 obs.	26 4596
14017	9.2	12 9.16	2.9376	0.0123	25 55 5.8	19.619	0.081	74.3	39 56 150 515	25 4913
14018	9.0	12 14.57	2.9369	0.0124	26 5 6.1	19.620	0.081	76.5	151 264 808	25 4914
14019	8.4	12 21.06	2.9330	0.0127	26 46 11.4	19.622	0.080	80.6	266 689 712 1424	26 4597
14020	9.0	12 21.71	2.9318	0.0128	26 58 29.3	19.623	0.080	82.2	705 946 1031	26 4598
14021	7.0	23 12 21.72	+2.9321	+0.0128	+26 55 19.9	+19.623	+0.080	81.9	623 1138	26 4599
14022	9.3	12 28.92	2.9328	0.0128	26 51 48.6	19.625	0.080	81.9	876	26 4600*
14023	9.3	12 38.73	2.9435	0.0119	25 7 56.6	19.628	0.080	74.6	57 151 158 515	25 4915
14024	9.0	12 54.10	2.9456	0.0118	24 54 22.9	19.632	0.079	84.8	1131 1133	*24 4750*
14025	8.0	13 15.02	2.9413	0.0123	25 47 53.5	19.638	0.078	76.2	150 158 802	25 4917
14026	9.4	23 13 28.69	+2.9439	+0.0122	+25 28 10.6	+19.642	+0.078	80.8	264 416 1606	25 4918
14027	8.0	13 28.90	2.9360	0.0129	26 48 37.0	19.642	0.078	79.6	144 689 808 1036	26 4604
14028	9.0	13 31.80	2.9206	0.0142	29 23 50.2	19.643	0.077	84.8	1129 1130	29 4905*
14029	9.5	13 37.60	2.9329	0.0132	27 24 23.2	19.645	0.077	79.8	703	27 4529*
14030	8.5	13 44.27	2.9287	0.0136	28 11 11.7	19.647	0.077	75.3	44 502	28 4562
14031	8.5	23 13 44.28	+2.9294	+0.0136	+28 2 50.7	+19.647	+0.077	75.8	244 257 508	27 4530
14032	9.0	13 46.73	2.9221	0.0142	29 17 20.3	19.648	0.077	80.3	43 613 1139 1140	29 4906
14033	9.4[3]	13 50.80	2.9447	0.0122	25 30 53.1	19.649	0.077	73.8	151	25 4920*
14034	9.5	14 3.22	2.9354	0.0131	27 12 21.4	19.653	0.077	81.9	876	27 4531*
14035	8.8	14 7.94	2.9362	0.0131	27 6 54.9	19.654	0.077	77.2	257 511 622	27 4532
14036	9.2	23 14 10.67	+2.9486	+0.0119	+24 58 39.5	+19.655	+0.077	85.4	1134 1232	24 4753*
14037	8.7	14 28.33	2.9334	0.0134	27 45 31.3	19.660	0.076	78.8	508 511 795	27 4533
14038	8.8	14 36.30	2.9436	0.0126	26 2 59.4	19.662	0.076	75.4	5 obs.[4]	25 4922
14039	9.2	14 36.93	2.9378	0.0131	27 4 17.2	19.662	0.076	79.6	144 687 802 1038	26 4606
14040	9.0	14 38.55	2.9292	0.0139	28 33 19.2	19.663	0.076	83.6	506 1040 1231 1329	28 4566*
14041	6.3	23 14 42.46	+2.9223	+0.0145	+29 43 59.0	+19.664	+0.075	81.3	613 1036	29 4908
14042	8.5	14 43.18	2.9318	0.0137	28 9 40.0	19.664	0.076	75.1	44 263 502	28 4568
14043	9.0	14 43.65	2.9384	0.0131	27 1 2.3	19.664	0.076	81.3	144 1031 1033 1039	26 4608
14044	8.8	14 46.57	2.9365	0.0133	27 22 59.9	19.665	0.075	80.9	622 703 1037	27 4534
14045	9.2	14 47.49	2.9416	0.0128	26 30 59.8	19.665	0.075	84.8	1131	26 4609*
14046	9.1	23 14 55.32	+2.9393	+0.0131	+26 58 51.4	+19.667	+0.075	83.8	1029 1041	26 4612
14047	8.9	14 59.39	2.9302	0.0139	28 33 50.9	19.669	0.075	80.8	506 795 1040	28 4569
14048	9.4	15 1.55	2.9363	0.0134	27 32 56.6	19.669	0.075	81.9	877	27 4535*
14049	8.6	15 6.61	2.9302	0.0140	28 37 48.3	19.670	0.075	78.4	502 506 689	28 4570
14050	9.1	15 14.72	2.9295	0.0141	28 49' 12.2	19.673	0.075	78.9	44 263 1037 1043	28 4571

[1] Z. 613 1127 1129 1130 1609
[2] » 144 145 148 265 331
[3] Double; following
[4] Z. 150 158 264 416 515

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14051	9.2	23h 15m 15.20	+2.9354	+0.0135	+27° 49′ 16.5	+19.673	+0.074	84.8	1129 1130 1133	27° 4537*
14052	9.4	15 16.79	2.9371	0.0134	27 32 30.7	19.674	0.074	81.9	876 877	27 4536*
14053	9.2	15 24.48	2.9248	0.0146	29 42 17.0	19.676	0.074	73.5	43 156 162	29 4910
14054	9.1	15 30.79	2.9403	0.0132	27 5 36.0	19.678	0.074	82.8	687 1029 1033 1041	26 4614
14055	8.7	15 32.18	2.9294	0.0142	28 59 20.8	19.678	0.074	83.8	1031 1038	28 4573
14056	6.3	23 15 49.68	+2.9478	+0.0126	+25 55 35.6	+19.683	+0.074	74.2	150 151 264	25 4924
14057	7.2	15 55.97	2.9364	0.0137	28 0 44.3	19.684	0.073	75.0	5 obs.[1]	27 4538
14058	8.5	16 12.37	2.9404	0.0134	27 26 20.6	19.689	0.073	78.2	508 511 622	27 4540
14059	8.3	16 15.63	2.9331	0.0142	28 44 55.6	19.690	0.072	74.0	41 44 49 502	28 4575
14060	6.6	16 18.46	2.9529	0.0123	25 14 1.8	19.691	0.073	73.8	39 151 158 264	25 4927
14061	8.5	23 16 40.34	+2.9448	+0.0132	+26 53 21.1	+19.697	+0.072	73.8	144 145 157	26 4617
14062	9.0	16 48.77	2.9426	0.0135	27 21 57.0	19.699	0.072	79.0	5 obs.[2]	27 4541
14063	9.3	16 54.08	2.9421	0.0135	27 29 49.7	19.701	0.072	77.2	257 511 622	27 4542
14064	9.4	16 56.25	2.9526	0.0125	25 36 3.2	19.701	0.072	74.9	57 150 515	25 4929
14065	9.1	17 1.26	2.9556	0.0122	25 4 56.9	19.703	0.072	84.8	1131 1132 1139 1140	24 4762
14066	9.4	23 17 8.92	+2.9278	+0.0150	+30 10 22.6	+19.705	+0.071	79.8	613 689 805	30 4931
14067	8.9	17 11.70	2.9289	0.0149	30 0 43.7	19.705	0.071	78.4	43 703 712 808	29 4915
14068	8.8	17 25.59	2.9313	0.0148	29 42 39.8	19.709	0.070	79.9	162 715 876 1037	29 4917
14069	8.4	17 26.19	2.9298	0.0149	29 58 53.7	19.709	0.070	81.2	5 obs.[3]	29 4918
14070	7.0	17 55.24	2.9370	0.0145	28 59 11.5	19.717	0.069	73.0	5 obs.[4]	28 4577
14071	8.0	23 18 1.65	+2.9446	+0.0137	+27 39 27.8	+19.719	+0.070	76.8	244 511 524	27 4544
14072	8.8	18 2.32	2.9536	0.0128	25 59 6.2	19.719	0.070	77.7	5 obs.[5]	25 4932
14073	9.3	18 8.39	2.9597	0.0122	24 51 23.9	19.721	0.070	84.8	1129 1130 1133	*24 4768*
14074	8.0	18 9.95	2.9318	0.0150	30 3 55.7	19.721	0.069	79.8	261 687 1141	29 4919
14075	9.5	18 18.13	2.9599	0.0123	24 54 21.3	19.723	0.069	93.3	1755 1757 1858 1862	*24 4769*
14076	7.7	23 18 22.73	+2.9327	+0.0150	+30 1 29.9	+19.724	+0.069	79.6	43 687 712 1230	29 4920
14077	9.0	18 28.64	2.9323	0.0151	30 9 0.0	19.726	0.069	83.4	6 obs.[6]	30 4935
14078	7.8	18 34.17	2.9611	0.0123	24 48 35.9	19.727	0.069	84.9	1134 1137 1138	*24 4770*
14079	9.1	18 46.19	2.9330	0.0151	30 11 50.1	19.730	0.068	86.2	1231 1232 1324	30 4936*
14080	8.7	18 51.47	2.9545	0.0130	26 14 26.7	19.732	0.068	79.8	144 874 1037	26 4622
14081	8.8	23 18 59.35	+2.9541	+0.0131	+26 25 11.9	+19.734	+0.068	83.8	1031 1033 1036	26 4625
14082	8.6	19 10.23	2.9489	0.0138	27 30 18.9	19.737	0.068	78.2	508 524 622	27 4547
14083	9.5	19 10.89	2.9475	0.0139	27 46 53.5	19.737	0.068	81.9	877	27 4546*
14084	7.8	19 22.94	2.9598	0.0127	25 29 59.1	19.740	0.067	77.8	5 obs.[7]	25 4934
14085	9.2	19 39.35	2.9356	0.0153	30 16 35.4	19.744	0.067	79.3	261 613 703 1039	*30 4940*
14086	9.3	23 19 39.50	+2.9525	+0.0136	+27 4 58.8	+19.744	+0.067	92.8	1752 1753	26 4626
14087	8.4	19 48.38	2.9534	0.0136	27 0 12.7	19.746	0.066	80.5	144 1029 1037	26 4627
14088	7.9	19 49.65	2.9534	0.0136	27 1 13.6	19.747	0.066	83.3	876 1029 1031 1038	26 4628
14089	8.0	19 54.62	2.9638	0.0125	24 58 45.0	19.748	0.066	85.9	1139 1140 1422	24 4774
14090	8.5	19 57.75	2.9482	0.0141	28 5 45.4	19.749	0.066	77.3	244 511 524 622	27 4550
14091	9.2	23 20 12.27	+2.9603	+0.0130	+25 52 25.4	+19.753	+0.066	85.5	1130 1133 1331	25 4936
14092	9.5	20 13.72	2.9528	0.0138	27 21 58.3	19.753	0.066	81.9	877	27 4551*
14093	9.0	20 14.65	2.9462	0.0145	28 38 40.4	19.753	0.066	72.8	41 44 49 53	28 4581
14094	8.7	20 27.30	2.9484	0.0144	28 21 3.8	19.756	0.065	74.8	49 147 502	28 4582
14095	9.5	20 29.19	2.9446	0.0148	29 6 22.1	19.757	0.065	85.9	1230 1236	28 4583
14096	9.5	23 20 32.27	+2.9589	+0.0132	+26 19 45.5	+19.758	+0.065	77.9	157 874	26 4630
14097	9.0	20 33.88	2.9492	0.0143	28 15 22.4	19.758	0.065	72.8	44	— —
14098	9.3	20 41.39	2.9539	0.0139	27 24 43.5	19.760	0.065	81.9	877	27 4553*
14099	9.5	20 59.04	2.9410	0.0153	30 5 41.9	19.764	0.064	73.9	143 156 162	29 4928
14100	9.1	21 5.52	2.9565	0.0138	27 8 29.0	19.766	0.064	86.9	1137 1138 1324 1610	27 4555*

[1] Z. 147 154 244 257 525
[2] » 154 524 689 705 1039
[3] » 261 712 1031 1033 1038
[4] Z. 41 44 49 53 147
[5] » 57 150 416 515 1329
[6] Z. 613 874 876 1036 1327 1328
[7] » 57 150 416 515 1424

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14101	8.5	23h 21m 14s.52	+2s.9465	+0s.0149	+29° 12' 13".8	+19".768	+0s.064	76.7	43 156 261 805 808	29° 4930
14102	8.5	21 24.30	2.9503	0.0146	28 32 46.6	19.771	0.063	73.2	41 53 147	28 4586
14103	8.8	21 40.17	2.9529	0.0144	28 12 19.3	19.774	0.063	78.9	8 obs.	28 4587
14104	9.5	21 41.32	2.9623	0.0133	26 17 56.3	19.775	0.063	73.8	144	— —
14105	9.5	21 50.67	2.9526	0.0145	28 22 21.2	19.777	0.062	72.8	41	— —
14106	9.4	23 21 53.17	+2.9509	+0.0147	+28 44 41.8	+19.777	+0.062	75.9	49 147 525 622	28 4588
14107	8.9	21 57.55	2.9435	0.0155	30 13 32.0	19.778	0.062	92.8	1752 1753	30 4950
14108	8.7	22 1.78	2.9509	0.0148	28 49 47.9	19.780	0.062	79.6	5 obs. [1]	28 4589
14109	8.7	22 2.15	2.9683	0.0127	25 14 27.4	19.780	0.063	75.2	6 obs. [2]	25 4940
14110	9.5	22 19.71	2.9603	0.0138	27 5 27.5	19.784	0.062	73.8	144 145 148 157	26 4634
14111	9.0	23 22 22.46	+2.9545	+0.0145	+28 20 26.2	+19.785	+0.062	76.5	44 525 616	28 4591
14112	9.0	22 24.59	2.9632	0.0135	26 31 53.2	19.785	0.062	80.1	266 331 1130 1131	26 4635
14113	9.4	22 29.49	2.9585	0.0141	27 34 48.4	19.786	0.061	81.9	875 877 884	27 4556*
14114	8.9	22 30.41	2.9634	0.0135	26 33 9.4	19.786	0.062	80.8	6 obs. [3]	26 4636
14115	9.5	22 33.48	2.9510	0.0150	29 8 57.2	19.787	0.061	73.9	162	29 4933*
14116	9.2	23 22 40.71	+2.9572	+0.0143	+27 57 39.7	+19.789	+0.061	76.2	9 obs.	27 4558
14117	9.5	22 41.61	2.9606	0.0139	27 15 31.3	19.789	0.062	81.9	881	27 4557*
14118	8.8	22 46.10	2.9501	0.0152	29 27 54.7	19.790	0.061	78.2	5 obs. [4]	29 4934
14119	9.0	23 0.46	2.9711	0.0128	25 12 4.6	19.793	0.061	74.4	39 57 158 520	25 4944
14120	8.4	23 8.50	2.9719	0.0128	25 7 24.7	19.795	0.061	74.9	56 152 515	25 4945
14121	8.3	23 23 18.92	+2.9505	+0.0154	+29 44 44.7	+19.798	+0.060	76.5	6 obs. [5]	29 4940
14122	9.0	23 24.54	2.9704	0.0131	25 35 33.7	19.799	0.060	75.2	152 158 519	25 4947
14123	9.1	23 25.70	2.9730	0.0128	25 2 24.3	19.799	0.060	84.9	1137 1138 1139 1140	24 4783
14124	9.3	23 27.72	2.9497	0.0155	30 0 49.0	19.800	0.060	79.7	6 obs. [6]	29 4941
14125	9.0	23 32.50	2.9569	0.0148	28 34 20.4	19.801	0.060	74.4	41 44 49 263 622	28 4592
14126	8.9	23 23 38.43	+2.9590	+0.0146	+28 12 26.6	+19.802	+0.060	74.5	49 53 525	28 4593
14127	9.4	23 45.17	2.9702	0.0133	25 50 52.1	19.803	0.059	79.9	715	— —
14128	9.4	24 4.70	2.9535	0.0154	29 37 52.2	19.808	0.059	78.9	5 obs. [7]	29 4943
14129	8.9	24 14.67	2.9756	0.0128	24 56 42.5	19.811	0.059	84.8	1130 1131 1132 1133	24 4786
14130	7.6	24 15.49	2.9517	0.0157	30 8 36.7	19.811	0.058	89.3	1230 1752	30 4963
14131	9.2	23 24 27.83	+2.9600	+0.0149	+28 32 52.0	+19.814	+0.058	73.3	44 147	28 4594*
14132	9.0	24 43.75	2.9674	0.0140	27 5 36.8	19.817	0.058	74.3	144 145 157 331	26 4642
14133	8.5	24 59.76	2.9740	0.0134	25 47 9.8	19.820	0.057	76.0	5 obs. [8]	25 4951
14134	9.2	25 7.28	2.9631	0.0148	28 18 10.5	19.822	0.057	81.9	875 877 881	28 4595*
14135	9.3	25 8.42	2.9546	0.0158	30 8 52.9	19.823	0.057	76.3	156 613	30 4966
14136	6.2	23 25 18.23	+2.9652	+0.0146	+27 58 37.5	+19.825	+0.056	74.8	5 obs. [9]	27 4566
14137	9.2	25 23.07	2.9771	0.0131	25 19 30.3	19.826	0.057	76.3	5 obs. [10]	25 4952
14138	6.6	25 31.38	2.9670	0.0145	27 42 51.5	19.828	0.056	74.4	5 obs. [11]	27 4568
14139	9.0	25 39.00	2.9781	0.0131	25 15 0.4	19.829	0.056	78.0	5 obs. [12]	25 4953
14140	8.5	25 59.98	2.9805	0.0129	24 53 43.9	19.834	0.056	88.0	5 obs. [13]	*24 4790*
14141	8.8	23 26 2.42	+2.9622	+0.0154	+29 8 17.2	+19.835	+0.055	74.5	6 obs. [14]	29 4945
14142	8.2	26 3.28	2.9766	0.0134	25 51 49.4	19.835	0.056	80.1	9 obs.	25 4955
14143	9.0	26 6.90	2.9769	0.0134	25 50 40.9	19.835	0.056	79.5	623 705 707	25 4956
14144	8.1	26 13.52	2.9773	0.0134	25 49 41.5	19.837	0.056	79.4	8 obs.	25 4957
14145	9.1	26 14.85	2.9794	0.0132	25 20 4.7	19.837	0.056	78.4	56 707 718 806	25 4958
14146	8.6	23 26 20.54	+2.9810	+0.0130	+25 0 5.0	+19.838	+0.055	84.8	1130 1131 1132 1133	24 4792
14147	9.5	26 43.58	2.9764	0.0138	26 22 1.2	19.843	0.054	74.3	144 145 157 331	26 4648
14148	9.0	26 50.41	2.9621	0.0157	29 44 47.2	19.844	0.053	81.2	6 obs. [15]	29 4952
14149	9.0	27 0.18	2.9607	0.0160	30 10 31.9	19.847	0.053	77.2	143 162 1036	30 4973
14150	9.0	27 6.06	2.9737	0.0143	27 15 21.4	19.848	0.054	74.7	6 obs. [1]	27 4571

[1] Z. 53 687 705 876 1033
[2] » 39 56 57 150 520 798
[3] » 266 331 618 1132 1133 1230
[4] » 43 143 798 806 946
[5] » 156 162 261 262 805 808
[6] Z. 143 339 616 806 874 1324
[7] » 156 339 798 806 946
[8] » 39 56 416 515 705
[9] » 142 146 154 257 524
[10] » 39 56 519 520 718
[11] Z. 45 142 146 154 511
[12] » 152 158 416 515 1423
[13] » 1134 1137 1138 1753 1754
[14] » 143 156 162(2) 262 422
[15] » 339 422 805 1033 1139 1140

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14151	9.4	23h 27m 8.42	+2.9678	+0.0151	+28° 40' 14.6	+19.848	+0.053	81.9	877 881	28° 4597*
14152	9.5	27 10.25	2.9781	0.0151	28 38 8.6	19.849	0.053	81.9	877 884	28 4598*
14153	8.9	27 11.13	2.9650	0.0155	29 20 3.6	19.849	0.053	80.5	156 1029 1037	29 4953
14154	7.6	27 27.47	2.9666	0.0155	29 11 7.4	19.852	0.053	79.3	262 422 874 1036	29 4956
14155	9.0	27 29.16	2.9653	0.0157	29 29 30.9	19.853	0.053	84.5	1031 1038 1236	29 4957
14156	9.0	23 27 32.66	+2.9713	+0.0135	+25 43 58.7	+19.853	+0.053	75.3	39 56 416 623	25 4961
14157	9.0	27 40.82	2.9662	0.0157	29 26 11.7	19.855	0.052	79.6	5 obs.[3]	29 4959
14158	9.3	28 9.14	2.9861	0.0132	24 56 16.1	19.861	0.052	92.8	1752 1753	*24 4795*
14159	8.9	28 12.74	2.9820	0.0137	26 1 29.5	19.862	0.052	74.5	39 56 520	25 4967
14160	8.3	28 14.29	2.9770	0.0145	27 16 39.8	19.862	0.052	74.5	6 obs.[3]	27 4574
14161	9.3	23 28 19.65	+2.9810	+0.0139	+26 21 32.4	+19.863	+0.051	74.3	144 145 157 331	26 4652*
14162	9.3	28 21.86	2.9723	0.0152	28 30 37.1	19.863	0.051	75.9	5 obs.[4]	28 4601
14163	8.8	28 34.15	2.9666	0.0161	30 2 7.1	19.866	0.051	77.6	156 162 422 1230	29 4962
14164	9.3	28 34.80	2.9829	0.0138	26 4 35.3	19.866	0.051	90.9	1609	25 4968*
14165	8.6	28 39.20	2.9698	0.0157	29 20 19.0	19.867	0.051	80.1	143 262 1031 1424	29 4963
14166	9.2	23 28 50.26	+2.9824	+0.0140	+26 23 34.1	+19.869	+0.050	79.2	157 331 1425	26 4653
14167	9.2	29 2.37	2.9704	0.0158	29 29 34.5	19.872	0.050	75.9	339	29 4964*
14168	9.3	29 2.82	2.9872	0.0134	25 16 25.7	19.872	0.050	75.6	57 152 416 623	25 4969
14169	9.5	29 6.51	2.9844	0.0138	26 3 1.8	19.872	0.050	73.9	158	— —
14170	8.7	29 15.37	2.9799	0.0146	27 19 46.3	19.874	0.049	74.1	142 146 154 257	27 4578
14171	9.3	23 29 22.07	+2.9716	+0.0158	+29 27 54.3	+19.875	+0.049	76.2	156 162 808	29 4966
14172	9.5	29 37.54	2.9895	0.0133	25 6 6.7	19.878	0.049	73.8	152	25 4973*
14173	7.3	29 41.76	2.9818	0.0146	27 10 25.2	19.879	0.049	77.1	45 154 257 1328	27 4579
14174	9.0	29 53.72	2.9830	0.0145	26 59 43.6	19.881	0.048	76.4	5 obs.[5]	26 4660
14175	9.5	29 56.34	2.9772	0.0154	28 31 37.7	19.882	0.048	81.9	877 879	28 4604*
14176	8.5[6]	23 30 4.91	+2.9789	+0.0152	+28 12 26.4	+19.884	+0.048	77.9	44 147 525 1331	28 4605
14177	9.5	30 8.04	2.9794	0.0152	28 7 2.4	19.884	0.048	81.9	875	— —
14178	8.0	30 12.81	2.9893	0.0137	25 34 35.3	19.885	0.048	75.4	8 obs.	25 4975
14179	8.8	30 38.94	2.9883	0.0141	26 13 0.1	19.890	0.047	76.6	5 obs.[7]	26 4663
14180	7.7	30 51.76	2.9744	0.0163	29 59 1.0	19.892	0.046	76.3	7 obs.	29 4971
14181	9.0	23 30 56.59	+2.9836	+0.0150	+27 39 57.0	+19.893	+0.046	74.5	6 obs.[8]	27 4582
14182	9.3	30 57.42	2.9804	0.0154	28 31 56.3	19.893	0.046	81.9	877 884	28 4607*
14183	9.0	31 0.90	2.9918	0.0137	25 30 3.3	19.894	0.046	77.1	5 obs.[9]	25 4976
14184	8.9	31 1.12	2.9774	0.0159	29 20 20.6	19.894	0.046	78.5	143 156 1425	29 4972
14185	8.3	31 2.30	2.9934	0.0134	25 4 44.5	19.894	0.046	82.6	152 1132 1133 1324	24 4803
14186	9.5	23 31 14.25	+2.9822	+0.0153	+28 18 2.1	+19.896	+0.046	72.8	44	28 4609*
14187	9.0	31 54.14	2.9893	0.0146	26 53 45.5	19.904	0.045	74.1	144 145 157 266	26 4667
14188	9.4	32 9.36	2.9962	0.0136	25 9 25.2	19.906	0.045	75.9	56 152 519 623	25 4978
14189	8.5	32 23.04	2.9911	0.0146	26 48 2.8	19.909	0.044	77.6	144 148 251 1426	26 4668
14190	8.0	32 32.36	2.9969	0.0137	25 15 16.1	19.910	0.044	74.6	39 152 158 520	25 4980
14191	8.8	23 32 39.85	+2.9827	+0.0161	+29 22 8.5	+19.912	+0.043	74.0	6 obs.[10]	29 4974
14192	9.3	32 39.97	2.9940	0.0143	26 10 46.0	19.912	0.044	73.8	145 148 157	26 4669
14193	9.5	32 45.79	2.9867	0.0155	28 21 43.2	19.913	0.043	75.7	6 obs.[11]	28 4613
14194	8.9	32 55.29	2.9806	0.0166	30 10 38.0	19.914	0.043	74.6	5 obs.[12]	30 4996
14195	6.8	33 13.13	2.9909	0.0150	27 32 46.3	19.917	0.043	76.5	7 obs.	27 4588
14196	9.1	23 33 25.29	+2.9923	+0.0149	+27 19 54.6	+19.920	+0.042	84.9	1132 1133 1141	27 4589*
14197	9.5	33 26.90	2.9898	0.0154	28 4 3.7	19.920	0.042	77.9	524	— —
14198	9.1	33 36.35	2.9959	0.0145	26 25 25.8	19.921	0.042	85.2	1139 1140 1236	26 4670*
14199	9.4	33 39.10	2.9838	0.0166	29 59 16.6	19.922	0.042	79.9	162 875 877 884	29 4976*
14200	9.0	33 43.73	2.9991	0.0140	25 33 53.7	19.923	0.042	75.6	56 158 519 520	25 4982

[1] Z. 45 142 146 154 257 524
[2] » 143 339 805 1029 1037
[3] » 45 142 146 154 257 524
[4] » 44 49 147 525 884
[5] Z. 144 145 157 715 805
[6] Close double; following
[7] Z. 144 145 157 331 1230
[8] » 45 142 146 154 257 524
[9] Z. 39 56 158 515 1423
[10] » 43 141 143 156 162 339
[11] » 44 49 147 525 526 622
[12] » 143 156 261 262 339

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B. D.
14201	6.3	23h 33m 45s.11	+2s.9950	+0s.0147	+26° 49′ 17″.4	+19″.923	+0″.041	81.8	144 251 1425 1609	26° 4671
14202	8.5	33 45.47	2.9966	0.0144	26 19 42.3	19.923	0.041	75.8	148 266 618	26 4672
14203	7.5	33 46.29	2.9974	0.0143	26 6 29.2	19.923	0.041	76.2	251 266 623	26 4673
14204	9.5	34 3.77	2.9914	0.0155	28 9 18.1	19.926	0.041	73.8	147	— —
14205	8.3	34 25.33	2.9957	0.0150	27 11 58.9	19.929	0.040	73.8	45 142 154 257	27 4593
14206	8.1	23 34 26.56	+3.0026	+0.0138	+25 5 45.7	+19.930	+0.040	84.9	1134 1137 1138	24 4813
14207	9.0	34 55.92	2.9944	0.0155	28 5 22.6	19.934	0.039	74.6	8 obs.	27 4594
14208	9.5	35 2.88	2.9891	0.0166	29 48 1.7	19.935	0.039	81.9	877 879 884	29 4977*
14209	9.5	35 22.04	3.0048	0.0139	25 11 52.0	19.938	0.038	72.9	56	25 4984*
14210	9.5	35 25.45	2.9907	0.0165	29 40 34.0	19.939	0.038	81.9	875 877	29 4978*
14211	9.3	23 35 27.26	+2.9983	+0.0152	+27 21 12.0	+19.939	+0.038	75.3	146 154 257 622	27 4597
14212	9.0	35 30.07	2.9965	0.0155	27 57 29.6	19.940	0.038	78.6	267 713 805	27 4598*
14213	8.3	35 46.75	3.0060	0.0139	25 11 34.6	19.942	0.037	76.0	6 obs. [1]	25 4987
14214	8.9	35 50.40	3.0068	0.0138	24 56 54.0	19.943	0.037	85.2	1132 1133 1238	*24 4815*
14215	8.6	36 2.67	2.9993	0.0154	27 37 13.9	19.945	0.037	75.8	142 154 514 524	27 4600
14216	9.0	23 36 7.98	+2.9979	+0.0157	+28 8 13.3	+19.946	+0.037	74.0	5 obs. [2]	28 4616
14217	8.7	36 10.68	2.9984	0.0156	28 1 42.9	19.946	0.037	79.2	10 obs.	27 4601
14218	8.8	36 11.41	2.9913	0.0170	30 16 53.5	19.946	0.037	92.8	1752 1753	*30 5006*
14219	9.5	36 24.74	2.9988	0.0157	28 6 46.5	19.948	0.036	81.9	44 1610	28 4617*
14220	9.0	36 31.32	2.9970	0.0162	28 50 4.3	19.949	0.036	75.2	147 155 526	28 4618
14221	9.4	23 36 32.40	+2.9991	+0.0157	+28 8 45.4	+19.949	+0.036	80.4	49 1425	28 4619
14222	9.2	36 38.50	2.9982	0.0160	28 33 38.5	19.950	0.036	83.8	1029	28 4620*
14223	8.8	36 43.72	3.0003	0.0156	27 56 56.3	19.951	0.036	77.2	154 524 713	27 4603
14224	9.2	36 51.43	3.0032	0.0152	27 7 44.8	19.952	0.035	75.8	142 146 514 523	27 4605
14225	9.5	36 53.72	2.9959	0.0167	29 36 17.3	19.952	0.035	81.9	875 877 881 884	29 4979*
14226	9.5	23 37 2.49	+2.9974	+0.0164	+29 14 15.7	+19.954	+0.035	81.9	879	29 4980*
14227	9.5	37 9.19	3.0010	0.0158	28 8 33.1	19.955	0.035	73.4	53 155	28 4622*
14228	9.1	37 17.57	2.9962	0.0169	29 54 24.0	19.956	0.034	85.5	1139 1141 1324	29 4981*
14229	9.0	37 24.12	3.0005	0.0161	28 35 28.9	19.957	0.034	78.2	525 526 622	28 4623
14230	9.4	37 24.50	3.0054	0.0151	26 56 16.9	19.957	0.034	74.8	251	— —
14231	8.7	23 37 26.49	+3.0031	+0.0156	+27 45 8.5	+19.957	+0.034	73.8	45 257	27 4606
14232	8.7	37 30.33	2.9965	0.0170	30 2 7.6	19.958	0.034	79.3	9 obs.	29 4982
14233	9.3	37 31.30	3.0039	0.0155	27 33 51.4	19.958	0.034	75.5	146 267 523	27 4607
14234	8.5	37 31.77	3.0021	0.0159	28 11 15.8	19.958	0.034	73.2	49 53 147	28 4624
14235	9.2	37 32.94	3.0101	0.0142	25 24 50.2	19.958	0.034	75.1	8 obs.	25 4991
14236	9.4	23 37 35.41	+2.9997	+0.0164	+29 2 56.7	+19.958	+0.034	77.5	44 622 798	28 4625
14237	9.0	37 35.63	3.0057	0.0152	27 0 58.7	19.958	0.034	74.1	144 145 157 266	26 4678
14238	9.1	37 36.69	2.9970	0.0170	29 59 37.5	19.959	0.034	81.3	9 obs.	29 4983
14239	5.2	37 42.37	3.0013	0.0162	28 40 7.6	19.959	0.034	82.1	624 808 1031 1132	28 4627
14240	8.5	37 44.12	3.0015	0.0161	28 36 8.7	19.960	0.034	80.2	5 obs. [3]	28 4628
14241	8.5	23 38 0.21	+3.0073	+0.0151	+26 52 54.8	+19.962	+0.033	80.3	8 obs.	26 4679
14242	9.1	38 14.07	3.0111	0.0145	25 43 33.3	19.964	0.033	86.9	1329	25 4993*
14243	8.3	38 17.02	3.0019	0.0165	29 4 37.4	19.964	0.032	79.3	526 624 805	28 4630
14244	9.1	38 19.55	3.0044	0.0160	28 13 55.2	19.965	0.032	79.8	617 798	28 4631
14245	9.4	38 21.27	3.0047	0.0159	28 10 14.8	19.965	0.032	93.3	1757 1863	28 4632
14246	9.4	23 38 35.88	+3.0017	+0.0168	+29 31 38.6	+19.967	+0.032	81.9	881 884	29 4986*
14247	8.9	38 36.27	3.0055	0.0160	28 9 20.0	19.967	0.032	78.8	6 obs. [4]	28 4633
14248	9.4	38 41.01	3.0020	0.0168	29 31 29.3	19.967	0.032	81.9	884	— —
14249	9.4	38 41.27	3.0028	0.0166	29 12 54.8	19.967	0.032	81.9	875 879	29 4987*
14250	8.6	38 44.32	3.0040	0.0164	28 52 4.1	19.968	0.032	76.1	44 49 525 805	28 4634

[1] Z. 152 158(2) 519 520 623
[2] » 44 49 53 147 525
[3] Z. 155 525 798 1031 1133
[4] Z. 53 155 619 808 946 1029

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14251	9.0	23h 38m 58s.18	+3s.0010	+0s.0172	+30° 10' 52".3	+19".970	+0".031	77.1	141 143 162 1324	30° 5015
14252	9.0	39 7.96	3.0147	0.0143	25 18 40.0	19.971	0.032	74.6	39 152 158 519	25 4996
14253	8.8	39 10.15	3.0157	0.0141	24 58 40.9	19.971	0.032	85.4	1141 1236	24 4827
14254	9.0	39 22.08	3.0150	0.0144	25 26 18.2	19.973	0.031	76.9	56 520 713	25 4997
14255	7.7	39 28.59	3.0149	0.0145	25 38 33.6	19.974	0.031	73.5	39 152 158	25 4998
14256	7.9	23 39 31.26	+3.0102	+0.0156	+27 29 2.8	+19.974	+0.031	75.2	5 obs.[1]	27 4614
14257	8.8	39 36.28	3.0038	0.0171	29 57 11.5	19.975	0.030	78.5	8 obs.	29 4989
14258	9.0	40 1.17	3.0071	0.0167	29 14 43.5	19.978	0.030	79.1	7 obs.	29 4993
14259	9.5	40 4.00	3.0073	0.0167	29 12 48.1	19.978	0.030	76.0	343	29 4994*
14260	9.0	40 7.88	3.0159	0.0148	25 58 18.8	19.979	0.030	79.0	7 obs.	25 5000
14261	7.0	23 40 8.08	+3.0107	+0.0160	+28 0 34.2	+19.979	+0.030	73.5	45 146 154	27 4617
14262	9.2	40 11.16	3.0160	0.0148	25 57 48.1	19.979	0.030	79.9	705 716	— —
14263	9.0	40 13.84	3.0122	0.0157	27 31 22.5	19.980	0.030	75.1	142 257 267 523	27 4618
14264	8.8	40 22.18	3.0174	0.0146	25 38 2.7	19.981	0.029	82.9	57 1752	25 5001
14265	8.8	40 23.90	3.0107	0.0162	28 18 37.9	19.981	0.029	74.0	6 obs.[2]	28 4638
14266	9.5	23 40 25.02	+3.0143	+0.0154	+26 54 59.5	+19.981	+0.029	84.3	265 1862	26 4683*
14267	7.5	40 34.60	3.0128	0.0159	27 43 33.6	19.982	0.029	75.3	45 514	27 4619
14268	8.5	40 40.74	3.0162	0.0152	26 29 38.5	19.983	0.029	74.4	144 157(2) 266 331	26 4685
14269	9.0	40 41.06	3.0193	0.0144	25 11 3.8	19.983	0.029	78.2	39 152 1425	25 5002
14270	9.5	40 44.82	3.0109	0.0165	28 40 48.1	19.983	0.029	81.9	875	28 4639*
14271	9.1	23 40 50.43	+3.0181	+0.0148	+25 52 21.5	+19.984	+0.028	78.8	618	25 5003*
14272	9.0	40 56.61	3.0081	0.0173	30 2 0.0	19.985	0.028	79.1	8 obs.	29 4996
14273	8.7	41 4.07	3.0195	0.0146	25 32 2.5	19.986	0.028	75.6	56 57 805	25 5004
14274	7.5	41 4.80	3.0198	0.0146	25 26 13.7	19.986	0.028	80.1	711 713 715 808	25 5005
14275	9.1	41 8.48	3.0196	0.0147	25 35 9.7	19.986	0.028	84.1	520 1141 1324 1331	25 5006*
14276	7.0	23 41 10.66	+3.0215	+0.0142	+24 53 7.6	+19.987	+0.028	84.9	1134 1137 1138	*24 4834*
14277	9.4	41 11.95	3.0165	0.0155	26 57 57.0	19.987	0.028	82.8	251 1610	26 4686*
14278	9.3	41 17.06	3.0117	0.0168	29 3 45.3	19.987	0.027	81.9	883	28 4640*
14279	8.5	41 19.72	3.0181	0.0152	26 29 8.0	19.988	0.027	74.3	144 145(2) 331	26 4687
14280	9.5	41 25.70	3.0173	0.0155	26 55 26.0	19.988	0.027	74.5	148 265 266	26 4689
14281	8.0	23 41 27.95	+3.0155	+0.0160	+27 42 45.5	+19.989	+0.027	74.8	6 obs.[3]	27 4621
14282	8.8	41 40.74	3.0157	0.0161	27 55 16.0	19.990	0.027	78.4	267 524 617 884	27 4622
14283	9.1	41 43.46	3.0172	0.0157	27 18 35.3	19.990	0.027	86.4	1231 1328	27 4623*
14284	9.1	41 52.77	3.0134	0.0169	29 10 15.8	19.991	0.026	86.4	1238 1332	29 5000*
14285	7.8	41 53.84	3.0185	0.0156	27 1 28.3	19.992	0.026	74.8	251 265	26 4691
14286	9.0	23 41 54.57	+3.0158	+0.0163	+28 8 25.8	+19.992	+0.026	74.0	6 obs.[4]	28 4643
14287	9.5	41 55.03	3.0173	0.0159	27 33 41.0	19.992	0.026	78.5	524 619 622	27 4624
14288	8.7	42 10.92	3.0206	0.0152	26 26 35.5	19.994	0.026	75.5	148 157 623	26 4692
14289	8.6	42 12.60	3.0128	0.0173	29 49 58.6	19.994	0.026	77.9	9 obs.	29 5002
14290	6.8	42 13.41	3.0240	0.0143	24 57 36.9	19.994	0.026	86.9	1326 1327	24 4836
14291	9.0	23 42 15.51	+3.0220	+0.0149	+25 52 52.3	+19.994	+0.025	73.2	56 57 158	25 5009
14292	7.5	42 16.57	3.0182	0.0160	27 40 35.2	19.994	0.025	74.8	142 146 154 514	27 4625
14293	9.3	42 21.62	3.0145	0.0170	29 20 30.5	19.995	0.025	73.9	162	29 5003*
14294	9.1	42 23.12	3.0191	0.0158	27 21 9.6	19.995	0.025	87.9	1423 1424	27 4626*
14295	8.9	42 37.18	3.0236	0.0147	25 37 13.9	19.997	0.025	78.0	7 obs.	25 5012
14296	9.0	23 42 39.31	+3.0174	+0.0166	+28 28 19.2	+19.997	+0.025	73.1	44 49 53 155	28 4645
14297	9.3	42 41.85	3.0188	0.0162	27 57 25.8	19.997	0.025	81.9	883 884	27 4627*
14298	9.0	42 47.55	3.0247	0.0146	25 22 5.7	19.998	0.024	79.5	6 obs.[5]	25 5014
14299	8.7	42 58.67	3.0218	0.0156	26 59 11.9	19.999	0.024	75.9	157 265 623	26 4694
14300	8.6	42 58.87	3.0173	0.0169	29 1 11.1	19.999	0.024	76.1	147 155 526 619	28 4646

[1] Z. 45 142 154 514 523
[2] » 44 49 53 147 155 526
[3] Z. 142 146 154 257 267 523
[4] » 44 49 53 147 155 525
[5] Z. 519 618 710 713 715 805

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14301	7.5	23h 43m 1.37	+3.0233	+0.0152	+26° 20' 22.8	+19.999	+0.024	74.3	144 266	26° 4695
14302	8.8	43 7.91	3.0177	0.0169	29 1 26.9	20.000	0.024	75.9	147 526	28 4647
14303	8.6	43 8.75	3.0263	0.0145	25 4 26.2	20.000	0.024	85.2	1139 1141 1236	24 4843
14304	6.2	43 20.14	3.0203	0.0164	28 8 46.9	20.001	0.023	74.8	44 49 622	28 4649
14305	8.9	43 21.96	3.0196	0.0166	28 32 32.2	20.001	0.023	77.1	53 525 617 619	28 4648
14306	9.4	23 43 23.03	+3.0237	+0.0154	+26 38 22.7	+20.001	+0.023	77.9	5 obs. [1]	26 4697
14307	7.1	43 30.97	3.0233	0.0156	26 59 8.8	20.002	0.023	83.8	251 1752	26 4698
14308	8.7	43 32.01	3.0266	0.0147	25 27 35.0	20.002	0.023	74.3	5 obs. [2]	25 5015
14309	8.7	43 38.50	3.0186	0.0172	29 21 57.5	20.003	0.023	75.7	5 obs. [3]	29 5006
14310	8.7	44 1.84	3.0275	0.0149	25 38 18.0	20.005	0.022	74.8	39 152 519	25 5017
14311	9.0	23 44 3.07	+3.0182	+0.0177	+30 10 16.6	+20.006	+0.022	74.4	149 156 162 339	30 5035
14312	9.4	44 5.04	3.0216	0.0168	28 39 19.4	20.006	0.022	75.6	53 155 525 526	28 4653
14313	9.0	44 6.89	3.0195	0.0174	29 39 28.6	20.006	0.022	85.9	1230 1232 1233	29 5007
14314	9.5	44 16.65	3.0256	0.0157	26 58 49.1	20.007	0.021	73.8	144	26 4701*
14315	9.5	44 28.23	3.0262	0.0157	26 57 5.4	20.008	0.021	73.8	148 157	26 4702
14316	9.0	23 44 32.23	+3.0260	+0.0159	+27 11 16.1	+20.009	+0.021	75.4	7 obs.	27 4630
14317	8.9	44 52.49	3.0302	0.0149	25 31 51.0	20.010	0.020	75.1	5 obs. [4]	25 5023
14318	9 3	45 4.12	3.0285	0.0156	26 40 33.3	20.012	0.020	78.2	5 obs. [5]	26 4706
14319	9.0	45 7.50	3.0260	0.0165	28 5 20.1	20.012	0.020	73.8	45 142 154 257	27 4631
14320	8.3	45 8.12	3.0288	0.0156	26 38 28.9	20.012	0.020	74.8	157 251 266 331	26 4707
14321	9.4	23 45 17.20	+3.0243	+0.0172	+29 12 21.2	+20.013	+0.019	75.5	5 obs. [6]	29 5010
14322	9.5	45 25.42	3.0228	0.0179	30 11 30.6	20.014	0.019	73.8	141	30 5041*
14323	9.0	45 27.08	3.0234	0.0177	29 55 7.9	20.014	0.019	75.6	149 156 343 624	29 5012
14324	9.5	45 50.53	3.0322	0.0152	25 53 10.5	20.016	0.018	73.2	56 57 152	25 5028
14325	8.3	45 54.30	3.0288	0.0164	27 52 53.5	20.016	0.018	75.1	146 154 267 523	27 4633
14326	9.0	23 46 6.00	+3.0292	+0.0165	+28 0 22.4	+20.017	+0.018	74.8	45 142 257 524	27 4634
14327	8.3	46 13.68	3.0291	0.0167	28 15 24.6	20.018	0.018	73.1	44 49 53 147	28 4655
14328	8.7	46 17.53	3.0348	0.0148	25 5 11.0	20.018	0.017	85.9	1230 1236	24 4852
14329	9.0[7]	46 22.78	3.0289	0.0170	28 37 57.2	20.019	0.017	76.6	5 obs. [8]	28 4656
14330	9.0	46 27.83	3.0286	0.0172	28 54 48.2	20.019	0.017	76.6	53 526 622	28 4657
14331	9.5	23 46 28.71	+3.0314	+0.0162	+27 23 59.8	+20.019	+0.017	81.9	877	27 4635*
14332	8.0	46 40.93	3.0274	0.0179	30 1 27.0	20.020	0.017	85.9	1232 1233	29 5014
14333	7.5	46 45.81	3.0358	0.0150	25 18 17.2	20.021	0.016	75.4	8 obs.	25 5034
14334	8.9	46 47.06	3.0291	0.0174	29 15 42.3	20.021	0.016	74.1	143 149 156 262	29 5015
14335	9.5	47 19.75	3.0331	0.0166	27 53 13.2	20.024	0.015	73.8	146	27 4638*
14336	8.3	23 47 20.71	+3.0328	+0.0167	+28 6 41.3	+20.024	+0.015	75.3	5 obs. [9]	28 4662
14337	8.0	47 33.36	3.0303	0.0180	30 4 31.2	20.025	0.015	84.9	1141 1143	29 5020
14338	9.3	47 41.86	3.0310	0.0179	29 56 58.7	20.025	0 015	79.9	7 obs.	29 5021
14339	9.5	48 2.64	3.0392	0.0151	25 22 52.3	20.027	0.015	72.9	56 57	25 5038*
14340	8.7	48 9.11	3.0340	0.0174	28 56 55.9	20.027	0.014	77.2	155 617 619	28 4665
14341	8.7	23 48 12.72	+3.0369	+0.0162	+27 10 15.7	+20.028	+0.014	75.1	7 obs.	27 4640
14342	9.5	48 31.83	3.0394	0.0156	26 6 49.1	20.029	0.014	73.9	157	— —
14343	9.3	48 32.06	3.0405	0.0151	25 22 28.9	20.029	0.014	75.6	39 158 519 520	25 5041
14344	9.5	48 33.77	3.0338	0.0180	29 56 45.7	20.029	0.013	73.9	156	— —
14345	7.6	48 35.43	3.0357	0.0173	28 46 46.5	20.029	0.013	76.6	49 147 155 1230	28 4666
14346	7.0	23 48 37.64	+3.0370	+0.0167	+27 56 13.2	+20.029	+0.013	73.8	142 146 154	27 4642
14347	8.6	48 40.52	3.0360	0.0173	28 45 18.2	20.030	0.013	78.5	525 619 622	28 4667
14348	8.8	48 45.46	3.0366	0.0171	28 32 54.0	20.030	0.013	76.6	53 526 622	28 4669
14349	6.3	49 1.63	3.0420	0.0151	25 15 34.8	20.031	0.013	75.4	8 obs.	25 5042
14350	9.5	49 6.06	3.0408	0.0157	26 18 19.8	20.032	0.013	81.9	875	— —

[1] Z. 148 331 705 713 716
[2] » 56 57 152 158 520
[3] » 141 143 339 343 624
[4] Z. 56 57 158 519 520
[5] » 145 266 331 618 1422
[6] » 143 149 262 339 624
[7] Double; following
[8] Z. 147 155 525 617 619
[9] » 49 147 155 525 526

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14351	9.5	$23^h\ 49^m\ 13^s.66$	+3ˢ.0413	+0ˢ.0157	+26° 15′ 21″.9	+20ˢ.032	+0ˢ.013	81.9	877 879	26° 4709*
14352	9.5	49 28.80	3.0413	0.0161	26 44 21.0	20.033	0.012	81.9	881 882 883	26 4710*
14353	9.5	49 31.10	3.0418	0.0159	26 28 41.8	20.033	0.012	81.9	877	26 4711*
14354	9.0	49 39.32	3.0403	0.0168	27 55 29.3	20.034	0.012	74.5	6 obs.[1]	27 4646
14355	9.0	49 40.80	3.0409	0.0166	27 32 52.9	20.034	0.011	78.4	257 524 617 884	27 4647
14356	9.0	23 49 50.04	+3.0392	+0.0176	+29 8 18.6	+20.034	+0.011	76.8	143 705	29 5027*
14357	8.8	49 54.97	3.0407	0.0170	28 10 49.9	20.035	0.011	74.3	5 obs.[2]	28 4670
14358	9.0	50 3.68	3.0414	0.0169	28 0 32.6	20.035	0.011	74.8	45 154 257 524	27 4648
14359	9.1	50 15 20	3.0393	0.0183	30 4 48.0	20.036	0.010	82.4	711 713 1133 1137	29 5029
14360	9.3	50 23.41	3.0422	0.0170	28 8 54.5	20.037	0.010	87.9	1423	28 4672*
14361	9.5	23 50 24.58	+3.0403	+0.0181	+29 43 8.2	+20.037	+0.010	73.8	149	29 5030*
14362	9.4	50 31.51	3.0442	0.0163	26 55 30.2	20.037	0.010	80.8	798	— —
14363	7.6	50 39.95	3.0446	0.0163	26 52 39.8	20.038	0.010	76.2	5 obs.[3]	26 4714
14364	8.9	50 40.15	3.0456	0.0158	26 7 35.4	20.038	0.010	75.1	6 obs.[4]	26 4713
14365	9.0	50 45.99	3.0447	0.0164	27 5 7.1	20.038	0.009	74.3	144 266	26 4715
14366	9.1	23 50 48.60	+3.0439	+0.0169	+27 53 9.7	+20.038	+0.009	89.8	1532	27 4650*
14367	9.0	50 52.45	3.0426	0.0177	29 7 59.2	20.038	0.009	73.8	141	— —
14368	9.0	50 53.86	3.0443	0.0168	27 43 31.8	20.038	0.009	76.0	6 obs.[5]	27 4652
14369	9.0	50 55.62	3.0457	0.0162	26 43 42.0	20.038	0.009	80.1	5 obs.[6]	26 4716
14370	8.7	50 58.84	3.0455	0.0164	27 2 41.3	20.039	0.009	76.4	157 266 530 623	26 4717
14371	9.4	23 51 9.04	+3.0469	+0.0158	+26 12 59.9	+20.039	+0.009	81.9	877 883	26 4718*
14372	9.3	51 13.95	3.0471	0.0158	26 10 47.9	20.040	0.009	81.9	5 obs.[7]	26 4719*
14373	9.4	51 14.43	3.0477	0.0155	25 36 31.0	20.040	0.009	76.9	152 519 628	25 5047
14374	8.9	51 28.52	3.0462	0.0168	27 39 47.4	20.040	0.008	74.5	154 257 267	27 4653
14375	9.5	51 37.38	3.0488	0.0155	25 38 53.7	20.041	0.008	73.4	56 158	25 5048*
14376	8.4	23 51 43.07	+3.0452	+0.0179	+29 16 56.5	+20.041	+0.008	74.4	7 obs.	29 5034
14377	8.6	51 43.48	3.0466	0.0170	27 57 47.5	20.041	0.008	78.0	5 obs.[8]	27 4655
14378	9.0	51 47.13	3.0498	0.0152	25 3 8.6	20.041	0.007	85.2	1139 1140 1230	24 4866
14379	8.2	52 1.25	3.0474	0.0172	28 8 35.3	20.042	0.007	74.4	49 53 147 525	28 4678
14380	8.1	52 25.36	3.0466	0.0185	30 7 28.7	20.043	0.006	84.9	1133 1137 1141 1143	30 5066
14381	8.3	23 52 31.83	+3.0511	+0.0158	+25 55 56.1	+20.044	+0.006	76.0	8 obs.	25 5050
14382	8.5	52 32.15	3.0516	0.0155	25 25 5.6	20.044	0.006	75.7	152 158 340 628	25 5051
14383	8.9	52 36.94	3.0522	0.0152	24 53 0.4	20.044	0.006	92.8	1753 1754	*24 4869*
14384	9.1	52 38.47	3.0481	0.0180	29 19 19.4	20.044	0.006	74.3	141 262	29 5036*
14385	9.0	52 41.08	3.0491	0.0175	28 30 29.3	20.044	0.006	73.2	49 53 155	28 4680
14386	8.1	23 52 55.16	+3.0516	+0.0162	+26 34 27.3	+20.045	+0.005	78.1	8 obs.	26 4721
14387	8.7	53 13.01	3.0509	0.0174	28 21 41.1	20.045	0.005	78.5	6 obs.[9]	28 4683
14388	8.9	53 21.05	3.0517	0.0172	27 55 3.9	20.046	0.004	75.5	7 obs.	27 4658
14389	8.7	53 27.07	3.0534	0.0161	26 15 9.2	20.046	0.004	75.2	5 obs.[10]	26 4722
14390	9.0	53 29.56	3.0546	0.0153	24 58 9.5	20.046	0.004	85.5	1138 1232 1233	24 4871
14391	9.5	23 53 37.31	+3.0537	+0.0163	+26 30 45.9	+20.046	+0.004	81.9	877 879 882	26 4723*
14392	9.4	53 57.13	3.0528	0.0178	28 54 48.3	20.047	0.003	74.6	49 53 155 622	28 4686
14393	9.4	53 59.61	3.0546	0.0164	26 43 59.5	20.047	0.003	76.1	145 148 251 881	26 4725
14394	6.5[11]	54 0.36	3.0550	0.0161	26 13 25.5	20.047	0.003	76.5	7 obs.[12]	26 4727
14395	7.8	54 6.71	3.0561	0.0154	25 8 56.9	20.048	0.003	75.3	7 obs.	25 5055
14396	9.0	23 54 6.72	+3.0540	+0.0173	+27 58 50.9	+20.048	+0.003	73.8	45 146 257	27 4661
14397	8.4	54 25.07	3.0537	0.0184	29 41 59.5	20.048	0.002	74.0	6 obs.[13]	29 5042
14398	9.4	54 26.01	3.0538	0.0184	29 37 59.4	20.048	0.002	76.2	156 339 624	29 5043
14399	9.0	54 26.70	3.0558	0.0166	26 53 32.4	20.048	0.002	80.8	798(2)	26 4729*
14400	9.5	54 28.84	3.0555	0.0170	27 33 1.8	20.048	0.002	74.2	142 154 267	27 4662

[1] Z. 45 142 146 154 267 523
[2] » 49 53 147 155 525
[3] » 145 148 265 530 798
[4] » 144 145 157 251 331 623
[5] » 142 146 267 514 523 524
[6] Z. 148 265 618 1138 1425
[7] » 879 881 882 883 884
[8] » 45 146 514 523 1426
[9] » 147 155 525 526 711 1425
[10] Z. 144 157 251 331 530
[11] Close double; middle
[12] Z. 157 265 266 331 530 623(2)
[13] » 47 141 143 149 162 343

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
14401	9.0	23h 54m 32s.27	+3s.0550	+0s.0176	+28° 26' 46".3	+20".048	+0".002	77.7	5 obs.[1]	28° 4688
14402	9.0	54 35.19	3.0560	0.0168	27 11 25.2	20.049	0.002	76.1	154 257 523 524	27 4663
14403	9.5	54 48.56	3.0550	0.0184	29 35 27.5	20.049	0.001	73.8	143	— —
14404	9.3	54 55.33	3.0561	0.0177	28 31 0.2	20.049	0.001	74.4	49 53 155 525	28 4691
14405	9.2	54 59.98	3.0553	0.0188	30 8 48.9	20.049	0.001	75.2	47 149 624	30 5075
14406	7.8	23 55 5.96	+3.0557	+0.0187	+30 2 27.1	+20.050	+0.001	75.1	156 262 339 343	29 5046
14407	7.0	55 11.77	3.0575	0.0172	27 43 42.6	20.050	0.001	79.5	6 obs.[2]	27 4664
14408	9.5	55 23.07	3.0583	0.0170	27 28 55.4	20.050	0.000	77.9	524	27 4665*
14409	9.5	55 27.01	3.0588	0.0167	26 57 15.7	20.050	0.000	79.9	710	26 4733*
14410	8.6	55 29.17	3.0597	0.0157	25 25 17.3	20.050	0.000	76.2	6 obs.[3]	25 5058
14411	9.3	23 55 30.89	+3.0596	+0.0159	+25 40 37.8	+20.050	0.000	81.9	6 obs.[4]	25 5059*
14412	9.3	55 31.40	3.0570	0.0189	30 12 24.7	20.050	0.000	73.8	141 149 156	30 5078
14413	6.0	55 38.58	3.0596	0.0163	26 25 14.6	20.050	0.000	74.0	144 145 148 251	26 4734
14414	9.3	55 39.67	3.0597	0.0163	26 25 21.7	20.050	0.000	74.2	144 145 266	26 4735
14415	9.5	55 39.86	3.0599	0.0161	26 2 32.8	20.050	0.000	81.9	881 883	25 5060*
14416	8.7	23 55 53.78	+3.0598	+0.0171	+27 29 30.9	+20.051	−0.001	75.2	146 154 523	27 4666
14417	8.0	56 16.74	3.0608	0.0173	27 50 45.2	20.052	0.002	74.9	45 142 267 524	27 4667
14418	9.0	56 23.23	3.0604	0.0184	29 22 8.2	20.052	0.002	83.8	262 1753	29 5050
14419	8.1	56 26.11	3.0614	0.0172	27 33 19.3	20.052	0.002	78.3	5 obs.[5]	27 4669
14420	8.9	56 27.29	3.0605	0.0186	29 38 23.9	20.052	0.002	74.4	6 obs.[6]	29 5051
14421	9.5	23 57 2.59	+3.0634	+0.0169	+27 0 21.8	+20.053	−0.003	81.9	875 877 878 882	26 4737*
14422	9.3	57 22.08	3.0645	0.0168	26 49 16.8	20.053	0.004	81.9	879 881 883 884	26 4738*
14423	9.5	57 27.45	3.0650	0.0162	25 56 33.3	20.053	0.004	84.9	618 1610	25 5064*
14424	8.4[7]	57 28.95	3.0647	0.0171	27 17 2.9	20.053	0.004	75.7	5 obs.[8]	27 4670
14425	9.5	57 40.46	3.0656	0.0163	25 58 52.3	20.053	0.004	77.2	157 331 877	25 5065*
14426	9.0	23 57 47.28	+3.0659	+0.0165	+26 18 51.9	+20.053	−0.005	74.2	144 148 265	26 4739
14427	9.0	57 49.89	3.0658	0.0169	27 0 3.3	20.053	0.005	86.4	710 1754	26 4740
14428	9.1	57 52.09	3.0661	0.0165	26 16 21.2	20.053	0.005	74.9	265	26 4741*
14429	9.3	58 1.32	3.0666	0.0163	26 1 27.3	20.053	0.005	75.9	157 530	25 5066*
14430	9.5	58 3.46	3.0665	0.0169	26 53 55.7	20.053	0.005	81.9	875 884	26 4742*
14431	8.9	23 58 13.59	+3.0665	+0.0183	+29 1 35.3	+20.054	−0.005	75.4	49 53 525 526	28 4697
14432	8.3	58 26.56	3.0671	0.0186	29 23 27.4	20.054	0.006	74.3	6 obs.[9]	29 5057
14433	9.3	58 27.31	3.0677	0.0166	26 28 37.2	20.054	0.006	76.0	148 266 331 881	26 4743
14434	6.7	58 30.22	3.0680	0.0163	25 57 10.8	20.054	0.006	76.2	6 obs.[10]	25 5068
14435	8.7	58 33.61	3.0682	0.0164	26 1 44.7	20.054	0.006	84.9	1137 1138 1139	25 5069
14436	6.8	23 58 35.68	+3.0681	+0.0170	+26 58 43.9	+20.054	−0.006	79.0	7 obs.[11]	26 4744
14437	8.3	58 44.70	3.0681	0.0188	29 38 2.5	20.054	0.006	75.2	156(2) 513	29 5059
14438	9.0	58 59.15	3.0691	0.0176	27 50 52.1	20.054	0.007	75.8	142 154 514 523	27 4673
14439	9.1	59 7.44	3.0695	0.0179	28 17 56.8	20.054	0.007	75.6	49 53 525 622	28 4701
14440	9.5	59 18.42	3.0703	0.0163	25 50 2.3	20.054	0.008	86.1	519 618 1863 1864	25 5070*
14441	7.0	23 59 35.31	+3.0710	+0.0175	+27 34 51.2	+20.054	−0.008	78.0	6 obs.[12]	27 4674

[1] Z. 147 525 526 617 711
[2] » 45 142 267 514 1426 1532
[3] » 57 158 340 519 520 628
[4] » 875 877 878 879 882 884
[5] Z. 146 154 514 523 1425
[6] » 47 141 143 156 339 343
[7] Close double; south following
[8] Z. 45 257 267 514 524
[9] Z. 141 143(2) 149 262 343
[10] » 57 152 340 519 520 618
[11] » 157 530 710 713 715 798(2)
[12] » 154 514 524 617 705 710

Register of Zones

for those stars which were observed on more than 6 days.

Nr.	Zones
69	47 141 143 162 339 343(2) 513
124	152 340 618 625 1140 1143 1145 1540
128	147 155 875 877 878 879 884
143	51 142 146 154 514 523 1433 1532 1610
146	152 160 161 340 519 520 628
151	145 157 165 530 1146 1147 1332 1334 1337
164	622 705 710 711 718 720 809 810 811
168	148 265 705 711 715 716 718 811 1231 1233
172	51 146 154 267 514 523 524 949
176	152 161 167 340 519 520 618 628
188	152 161 167 340 519 520 625 628 949
210	152 161 167 340 519 520 623 628
226	149 262 339 343 516 1235 1236
233	154 705 710 715 716 718 720 809 810 811 880
244	51 267 514 523 705 714 716 718 720
260	145(2) 148 157(2) 164 165 265 342 517 530
263	152 161 167 340 519 520 625
269	51 142 146 154 514 523 524 711 715 950
272	143 149 260 262 339 343 513
277	152 161 340 519 520 625 628
279	146 705 711 715 716 718 811
286	47 143 156 260 339 510 516
289	145 148 157 165 517 530 1538
308	52 155(2) 159(2) 878 880 882 883 884
309	47 141 143 156 260 338 510 513 949 1147
317	265 618 705 710 711 715 716
318	169 340 519 520 1137 1138 1430 1431
391	343 513 705 711 716 723 811 880
409	141 143 156 339 949 1146 1147
421	154 267 710 711 716 719 723 811 878 879 880 883 885 886
426	152 161 169 340 519 520 628
441	624 710 711 719 723 878 879 885
486	141 149 156 337 339 343 510
488	265 341 342 517 710 711 717
502	52 147 710 716 717 719 720 723 878 882 886
509	141 143 156 343 510 513 516
521	152 519 621 628 950 1146 1147 1487
526	155 268 518 527 1137 1138 1140 1142
527	141 143 337 338 343 510 513 516
531	48 147 155 268 518 629 1143 1145 1433
533	52 159 269 527 887 1338 1535
535	523 619 710 711 716 717 719 720 723 878 879 880 882 883 885 886
537	146 153 154 710 711 717 723
541	48 147 159 269 518 629 950 1429 1487
545	141 143 156 337 343 513 516 1146 1147 1496
555	155 159 268 518 629 1330 1533
557	337 343 513 516 711 716 717 719 720 878 879 880 882 883 885 886
558	153 715 718 719 720 723 885
559	48 52 147 155 159 269(2) 527 949 1536
562	48 268 518 950 1238 1534 1537
570	723 811 878 879 880 882 883
574	141 149 156 338 513 1234 1235 1236
580	715 716 717 810 879 886 949
585	52 155 268 527 1332 1334 1336 1337
595	152 161 169 519 533 621 623 628
607	516 714 716 717 720 723 878 879 880 883 885
611	337 343 510 513 516 714 716 717 719 720 878 879 880 882 886
612	164 265 342 530 887 1238 1239 1429
617	164 265 342 517 530 1140 1142 1487
623	48 52 159 518 527 950 1235 1236
629	529 714 716 717 878 879 880 882 883 885
635	153 267 716 717 718 719 812 883 886
637	619 714 718 719 720 721 810 878 879 880 885 1497
646	619 714 715 716 718 719 720 810 879 880 882 883 885 886 1238 1326 1330
647	48 52 159 268 518 527 629
662	149 510 716 717 719 720 722 878 879 882 885 886
730	528 716 720 723 878 879 950 1428
761	621 625 716 718 719 811 882
778	716 720 721 723 885 1036 1038 1499
796	48 268 518 629 1234 1332 1334
797	528 718 721 722 878 879 880 882 885 887
819	265 517 723 879 880 882 887
845	716 718 720 879 880 882 885
865	149 716 723 878 879 880 882
881	149 343 716 721 722 878 879 880
934	163 164 168 342 626 1144 1145
980	338 343 722 880 1041 1427 1494 1496
992	166 528 626 627 722 880 885
1092	54 58 59 61 528 1494 1495 1496
1125	56 533 1043 1046 1494 1495 1496
1166	56 168 169 532 533 723 952
1228	1042 1048 1049 1541 1542 1639 1640 1645
1520	56 168 270 532 724 728 1341
1557	168(2) 1240 1242 1243 1340 1341 1344
1563	60 172 348 728 888 951 1244
1611	171 346 725 726 888 891(2) 957
1692	58 59 61 166 344 347 537 538
1700	172 348 725 813 888 891 893
1742	171 725 726 813 891 951 957 960
1747	59 61 344 347 1611 1612 1613 1614
1934	177 344 538 1436 1502 1503 1505 1508

Nr.	Zones
1945	425 426 725 726 889 893 953
1957	531 534 540 725 726 727 728 729(2) 813 888 891 892 893 953
1962	540 725 726 888 891 892 893
1974	424 531 725 729(2) 813 889 891 892 893
1993	175 349 425(2) 535 630(2)
2000	60 172 727 729(2) 732 888 891(2) 893 894
2001	60 348 727 728(2) 813 889 893
2007	272 345 424 531 534 540 726
2014	425 725 727 728 813 888 893 894
2018	172 348 727 729 732(2) 813 888 889 892 956 1244
2031	349 725 729 888 892 893 894
2036	174 426 728 729 892 893 894
2070	425 535 630 725 1343 1344 1345
2085	174 175 349 427 728 1650 1651 1652
2256	174 426 544 729 731 892 953
2423	173 273 431 539 633 1054 1247
2435	353 1440 1650 1652 1653 1658 1784
2437	179 892 894 959 960 1246 1348 1510
2643	428 542 544 730 896 898 1156
2708	428 541 733 736 815 966 1254 1353
2709	955 962 965 1249 1441 1511 1618
2825	184 283 634 736 737 815 898 961
2975	276 353 636 962 1056 1774 1775
3020	180 355 898 964 1253 1255 1441
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12029	46 248 317 403 423 498 504
12031	10 25 312 315 413 1222 1227
12044	136 330 787 788 851 867 1133 1134
12046	138 334 683 684 686 692 695(2) 699(2) 701 789 862 1413
12082	10 35 127 257 324 477 614
12114	248 317 329 423 867 868 871
12121	23 24 33 320 326 495 505
12132	131 683 684 686 692 695 701 789(2) 851
12146	137 253 257 315 327 413 1134
12147	317 493 683 691(2) 696(2) 788 794(2) 862(2)
12164	248 684 692 695 701 790 871
12173	250 313 320 326 607 1845 1846
12174	324 504 608 684 686 692 695 788 792(2)
12179	34 40 136 252 321 330 867
12188	25 35 38 137 315 327 413
12204	129 323 417 608 683 691(2) 695 786 788 793
12223	329 688 692 695 696 788 794
12281	25 137 253 688 691 701 862 937 942 943
12291	130 249 254 323 417 419 496
12298	34 40 138 256 330 683 691 787 866
12302	23 24 134 250 320 326 418
12306	46 131 139 317 493 498 947 1413
12307	138 256 607 615 684 692 701 702 948 1117 1118 1420
12328	248 329 403 608 695 696 945 1479
12332	130 245 404 417 419 496 499
12333	317 329 498 620 1312 1480 1600
12348	317 504 608 620 683 684 686 688 692 695 696 701 702 788
12372	24 313 320 495 503(2) 609(2) 865
12373	248 317 324 948 1115 1117 1118
12397	417 496 683 684 688 695 701 702
12406	136 256 330 334 1117 1118 1478
12426	131 324 403 408 493 498 683 684 696 701 702 803 1115 1135
12453	25 28 36 38 257 315 327 335 614
12474	488 607 686 688 695 696 702 788 794 803 865 868
12478	326 607 684 691(2) 692 695 696 702 788 794 803
12481	130 249 254 259 323 417 419 496
12483	24 500 614 787 1119 1124 1130
12497	46 131 139 408 423 493 608(2)
12508	25 28 36 38 327 335 866 872 1219
12521	313 320 488 609 873 1115 1122
12534	130 249 259 323 419 496 499
12545	131 139 493 688 692 702 791(2)
12553	25 28 36 38 257 315 327 335
12581	683 684 686 695 788 790 794
12590	608 691 704 793 800 871 872
12625	33 313 320 326 495 500 609
12633	488 688 691 692 702 791 792 793
12640	488 607 614 681 683 684 686 696 700 790 800 865
12644	30 34 40 136 330 334 497
12651	130 254 419 496 499 867 868

Nr.	Zones
12666	46 131 139 423 492 620 681
12675	33 250 418 495 614 1122 1412
12693	42 130 134 245 419 499 872
12704	130 134 245 417 419 496 499 512
12707	46 248 407 408 1128 1129 1130
12714	131 501 620 681 683 684 686 692 696 702 791 800 867
12716	131 423 681 683 684 686 692 702 704 791 800 865
12760	247 248 492 493 620 684 686 700 701 704 788
12761	42 130 323 417 419 496 499 512
12764	46 131 683 688(2) 692 696 704 706 791 800 865 943
12789	131 139 683 684 691(2) 696 788
12790	248 407 408 681 702 703 704 708 788 869
12817	615 683 686 704 787 788 794 1130 1133 1134 1607
12869	703 791 793 1325 1483 1744 1745
12875	264 615 681 702 1018 1127 1222 1414
12882	503 609 691 700 707 794 800
12904	130 323 620 686 691 702 703 704 707 708 803
12907	254 700 706 800 804 865 942
12920	40 150 264 334 497 1121 1122 1124
12935	25 28 38 315 327 335 420 494
12955	33 320 326 336 495 500 503
13013	43 130 131 139 408 423 493 499 501 512
13050	40 150 252 325 334 416 515 803 1316
13062	43 131 332 423 492 521 791
13079	40 150 252 325 334 497 515 607
13084	131 139 408 423 493 501 521 1604
13096	140 144 326 336 418 421 500
13113	150 151 264 325 334 515 1121 1131 1133
13130	25 38 335 1124 1126 1135 1137
13135	42 130 419 496 506 512 1320
13156	40 150 151 252 336 416 497 803
13216	703 704 706 707 708 873 1017
13237	38 610 691(2) 704 706 708 799 800
13280	139 247 501 521 689 692 703 704 707 708 799 802
13287	131 620 686 689 691 700 706 707 709(2) 787 799 800 945
13292	28 36 38 133 327 336 420 491 508 610(2)
13316	23 32 144 335 421 495 500 799 1230
13329	28 36 38 244 327 420 494
13331	44 130 259 419 496 499 502
13339	36 38 244 420 491 508 610 791 870 874
13345	23 32 144 686 689 691(2) 703 704 706(2) 707 708 709(2) 787 802
13353	36 44 249 263 335 419 512
13357	39 150 264 325(2) 334 416 497 515
13359	32 133 144 336 418 421 500
13366	39 150 264 334 416 497 515
13368	42 44 130 134 419 502 506
13381	133 686 700 703 704 706 707 708 709(2) 791 795 802
13383	421 495 500 686 700 704 706 707 799 806
13385	42 44 53 419 499 506 512 616
13386	38 133 142 244 327 420 491 1132
13388	43 139 333 423 501 521 613
13389	28 45 133 244 327 420 610 1124
13399	42 44 53 259 419 502 512 616

Nr.	Zones
13439	36 38 45 133 142 327 420 494 622
13440	41 42 44 53 419 502 512
13442	325 334 515 686 700 702(2) 703 706(2) 707(2) 708(2) 709
13459	38 494 610 795 805 806 1127 1129
13460	41 44 53 419 506 512
13475	706 707 708 709 795 805 806 870 874
13479	41 42 44 53 419 502 512
13492	39 151 264 325 334 416 515
13500	41 42 44 53 502 706 795 805(2)
13503	36 45 327 335 420 511 1323
13505	41 42 44 49 53 502 512 616 686 703(2)
13526	45 55 133 335 420 511 610(2)
13532	42 49 263 327 506 706 709 806
13551	42 686 703 706 707 708(2) 709 791 795 806 807 877
13560	325 515 799 805 807 879 1130
13562	616 689 702 706 795 800 806
13575	36 38 45 55 327 420 1485
13576	133 142 327 335 508 511 1609
13583	134 259 419 496 502 512 1747
13587	416 507 515 689 702 800 807
13592	39 689 702 799 802 803 806
13595	506 525 610 613 616 622(2) 1323
13604	336 505 621 704 707 708 709 802 807
13615	134 702 709 795 800 807 1132
13621	36 38 45 55 420 491 508 511
13628	41 42 44 49 700 703 704 706 707 708 801 802 806
13630	263 622 689 706 709 795 807
13643	423 704 706 707 708 709 800
13656	36 45 244 420 491 1124 1130 1131
13663	325 707 708 709 804 806 1023
13667	151 264 709 805 946 1024 1033
13681	507 702 703 706 791 800 1023 1039
13745	336 505 808 1031 1127 1129 1133
13749	700 704 707 709 805 806 807 1027
13758	41 42 49 263 419 525 610
13762	157 418 503(2) 689 703 704 706 707 709 712(2) 795 797 806 807 874
13770	144 148 331 336 689 700 702 704 707 708 709 800 801 803 805
13777	41 42 44 49 53 134 502 506 525
13791	39 150 515 689 702 708(2) 709 806 1137
13792	151 264 689 704 707 709 876
13801	41 42 44 49 263 419 502
13827	42 49 53 263 419 502 506 525
13829	325 331 336 418 703 706 712 715 806
13832	45 133 508 524 1029 1030 1137
13833	152 515 689 707 709 797 876
13840	43 521 613 616 1130 1232 1233 1329
13862	42 263 419 502 506 708 876
13867	505 689 700 703 706 707 708 1025 1028 1029 1030 1137 1138 1139 1140
13868	508 511 687 689 700 705 707 1031
13896	45 133 146 335 508 511 524
13907	687 689 706 707 795 807 808
13909	339 708 709 712 715 876 877 1025
13910	156 422 689 706 707 708 709 713 808 946 1025

Nr.	Zones
13920	45 142 146 154 244 511 514 524
13935	158 264 687 689 705 706 707 708 797
13936	42 44 49 53 147 502 506 525 946
13965	41 42 44 49 53 263 712 715(2) 802
13971	44 49 147 502 506 525 1423
13983	44 49 708 712 715 795 802 806
13995	142 146 154 244 511 514 524 1423
13997	39 57 150 515 877 881 1424
14000	144 145 157 1131 1132 1133 1139 1140
14007	57 151 687 689 703 705 712 802 806 881
14016	148 157 265 623 877 1029 1033
14103	263 613 622 624 687 705 713 715
14116	45(2) 142 146 154 257 524(2) 1423
14142	152 520 623 712 715 795 874 876 1230
14144	158 520 705 712 715 795 808 876
14178	39 56 57 158 416 515 519 520
14180	43 143 156 162 339 422 1329
14195	45 142 146 154 514 524 1230
14207	44 45 49 142 146 257 514 524
14217	45 267 705 710 711 712 716 798 805 946
14232	141 143 162 262 339 1134 1137 1138 1328
14235	39 56 57 152 158 519 520 623
14238	143 149 162 262 1230 1236 1422 1423 1424
14241	144 145 157 331 1231 1238 1326 1327
14257	149 156 261 262 339 1134 1137 1138
14258	143 156 339 343 1132 1133 1139
14260	56 623 705 711 716 798 808
14272	141 143 156 162 624 1230 1236 1329
14289	141 143 156 261 339 343 624 1232 1422
14295	39 152 520 705 711 798 805
14316	45 142 146 154 514 523 524
14333	39 56 57 158 340 519 520 628
14338	143 149 339 343 1231 1236 1422
14341	45 142 154 257 267 523 524
14349	39 56 57 158 340 519 520 628
14376	47 143 156 162 262 339 343
14381	39 56 57 340 519 520 618 628
14386	144 145 148 331 875 877 879 883
14388	45 142 146 257 514 523 524
14395	39 56 57 158 519 520 628

Appendix,

containing stars that were accidentally omitted or insufficiently observed.

Nr.	Mag.	R.A. 1875	Prec.	Sec. Var.	Decl. 1875	Prec.	Sec. Var.	Ep.	Zones	B.D.
11[a]	9.0	$0^h\ 0^m\ 37^s.43$	+3.0743	+0.0194	+30° 15′ 51″.5	+20.054	−0.010	96.8	2022 2024	30° 5091
390[a]	9.5	0 34 21.97	3.1881	+0.0222	30 5 59.7	19.829	−0.078	95.8	1975 1976 1977 1983	29 120
445	9.5	0 39 9.36	3.1941	+0.0211	28 11 43.4	19.762	−0.087	95.8	1974 1975 1983	28 123
831[a]	9.0	1 22 23.63	3.3408	+0.0248	29 42 59.2	18.772	−0.180	95.8	1974 1975 1979 1983	29 249
1002	9.0	1 43 10.01	3.3859	+0.0243	28 20 14.2	18.056	−0.222	95.8	1974 1975 1984	28 306
1017	9.0	1 44 28.07	3.4083	+0.0255	29 43 22.9	18.006	−0.227	95.8	1979 1980 1983	29 316
1180	9.3	2 6 3.60	3.4482	+0.0246	28 16 29.3	17.096	−0.270	95.9	1983 1984 1985	28 371
1240	8.9	2 12 43.90	3.4989	+0.0263	30 14 41.6	16.784	−0.286	96.0	1989 1990 1991	30 374
1408	9.2	2 33 41.92	3.5266	+0.0246	28 39 56.2	15.711	−0.326	96.0	1974 1979 1984 2022	28 450
1460	9.5	2 41 27.34	3.4788	+0.0217	25 9 6.0	15.280	−0.335	96.1	1990 1992 1993	25 453
1463	9.4	2 41 58.12	+3.5347	+0.0238	+28 2 16.7	+15.251	−0.341	96.0	1984 1985 1994 1995	27 443
1463[a]	9.5	2 41 59.19	3.5325	+0.0237	27 55 43.1	15.250	−0.341	95.9	1980 1983 1996	27 444
1467[a]	9.0	2 42 29.28	3.5079	+0.0227	26 35 14.0	15.222	−0.340	95.8	1974 1979 1991	26 469
1593[a]	9.4	3 2 48.93	3.5972	+0.0236	28 45 9.4	14.005	−0.381	95.8	1979 1980 1983	28 502
1790	8.9	3 33 29.81	3.5739	+0.0189	25 3 31.7	11.964	−0.424	95.8	1979 1980 1983	24 530
1821	8.5	3 36 46.85	3.6441	+0.0205	27 48 36.6	11.733	−0.436	95.8	1979 1983 1984	27 555
1827[a]	9.1	3 37 24.71	3.6849	+0.0215	29 25 20.2	11.687	−0.442	95.9	1980 1985 1997	29 608
1838[a]	8.5	3 38 30.66	3.5941	+0.0189	25 34 45.5	11.609	−0.432	96.0	1984 1990 1994	25 612
1841	9.0	3 38 47.33	3.6374	+0.0200	27 22 58.7	11.589	−0.438	96.1	1988 1993	27 562
1842	8.5	3 39 4.35	3.5920	+0.0188	25 27 10.9	11.569	−0.433	96.0	1979 1992 1996	25 615
1843[a]	9.5	3 39 20.22	+3.6661	+0.0207	+28 31 16.7	+11.550	−0.442	96.1	1989 1995	28 583
1845	8.9	3 39 31.68	3.6975	+0.0217	29 45 31.1	11.536	−0.446	95.9	1983 1985	29 618
1886	9.4	3 44 32.38	3.6349	+0.0192	26 52 34.2	11.175	−0.445	95.8	1979 1983 1985	26 630
1890[a]	9.3	3 44 52.68	3.6918	+0.0206	29 8 26.8	11.150	−0.452	95.9	1980 1984 1992	29 639
1966	7.8	3 55 56.27	3.6896	+0.0190	28 18 48.1	10.333	−0.466	95.8	1979 1980 1983	28 613
1995[a]	5.4	3 59 16.83	3.7041	+0.0189	28 39 40.6	10.082	−0.471	95.8	1979 1980 1983	28 619
2277[a]	8.5	4 56 35.86	3.8208	+0.0121	30 12 5.3	5.477	−0.538	96.0	1988 1989 1990	30 775
2279[a]	9.4	4 56 52.41	3.7714	+0.0114	28 31 12.9	5.454	−0.531	96.1	1998 1998[a] 1999	28 742*[1]
2403	9.5	5 10 51.28	3.7978	+0.0094	29 2 49.2	4.267	−0.543	96.1	1989 1990 1993	29 861
2840[a]	9.1	5 52 5.70	3.7058	+0.0028	25 22 15.2	0.692	−0.541	96.0	1988 1989 1990	25 1064
2934	9.2	5 58 8.64	+3.7418	+0.0019	+26 36 11.8	+ 0.162	−0.545	96.0	1989 1990 1992	26 1066
3064[a]	4.4	6 7 24.56	3.8295	+0.0004	29 32 24.4	− 0.648	−0.558	96.0	1988 1989 1990	29 1154
3206	9.5	6 17 5.90	3.7101	−0.0009	25 34 2.2	− 1.496	−0.539	96.0	1988 1989 1990	25 1256
3348[a]	9.2	6 28 7.68	3.8026	−0.0030	28 49 44.8	− 2.455	−0.549	96.1	1992 1993	28 1177
3355[a]	9.4	6 28 40.59	3.7772	−0.0029	27 59 22.3	− 2.503	−0.545	96.1	1996 1998 1999	28 1179
4139[a]	9.5	7 36 6.31	3.6398	−0.0109	24 55 31.9	− 8.165	−0.481	96.1	1998 1999 2000	24 1752
4401[a]	9.5	8 3 33.15	3.6838	−0.0155	28 3 27.0	−10.295	−0.457	96.1	1998 1999 2000	28 1563
4738[a]	9.4	8 48 7.75	3.5900	−0.0187	27 32 4.5	−13.427	−0.383	96.2	1998 2001 2002	27 1689
5452[a]	9.0	10 34 16.45	3.2984	−0.0174	24 50 36.8	−18.668	−0.167	96.2	1998 2000 2001	24 2259
5695[a]	9.5	11 10 35.00	3.2093	−0.0161	25 36 15.8	−19.590	−0.092	96.2	1998 2000 2001	25 2361
6475[a]	9.5	13 20 37.66	+2.8570	−0.0050	+25 2 41.0	−18.826	+0.152	96.4	2007 2008	25 2635
6573[a]	neb	13 36 25.63	2.7695	−0.0053	29 0 37.6	−18.305	+0.173	96.3	6 obs., Z. 2003—2008	29 2450
7620	9.4	16 18 4.68	2.3747	+0.0032	30 1 53.4	− 8.629	+0.316	96.5	2009 2010 2011	30 2802
8277	9.2	17 28 31.99	2.4462	+0.0028	25 17 58.0	− 2.745	+0.355	96.5	2009 2010 2011	25 3293
8670	9.4	18 2 34.65	2.4370	+0.0021	25 25 6.3	+ 0.226	+0.355	96.5	2009 2010 2011 2013	25 3437
8927	9.0	18 22 22.36	2.3595	+0.0018	28 10 36.5	+ 1.955	+0.341	96.5	2009 2010 2012 2013	28 3001
8988	9.4	18 25 50.49	2.3250	+0.0017	29 21 25.3	+ 2.257	+0.336	96.5	2009 2011 2012	29 3278
9038	9.5	18 29 41.77	2.3997	+0.0016	26 53 59.2	+ 2.592	+0.346	96.5	5 obs., Z. 2009—2013	26 3295
9349[a]	9.2	18 49 30.98	2.3138	+0.0014	30 9 17.2	+ 4.299	+0.327	96.5	2011 2013	30 3341
9458	8.9	18 54 52.53	2.3332	+0.0013	29 38 23.6	+ 4.757	+0.329	96.5	2009 2010 2012 2013	29 3432
10765[a]	9.4	19 57 32.89	2.5045	+0.0011	25 58 59.1	+ 9.841	+0.314	96.5	2011 2012 2013	25 4077

[1] The declinations of this star and 28° 741 appear to be interchanged in BD.

List of Zones.

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
1	1872 May 27	63	1873 Jan. 27	124	1873 Aug. 25	185	1874 Mar. 6	247	1874 Sept. 26
2	» » 31	64	» Feb. 20	125	» » 30	186	» » 7	248	» » 28
3	» June 4	65	» » 27	126	» Sept. 1	187	» » 11	249	» Oct. 2
4	» » 13	66	» » 28	127	» » 4	188	» » 18	250	» » 3
5	» » 14	67	» Mar. 4	128	» » 8	189	» » 19	251	» » 5
6	» July 15	68	» » 7	129	» » 9	190	» » 23	252	» » 7
7	» » 19	69	» » 8	130	» » 11	191	» » 25	253	» » 8
8	» » 20	70	» » 10	131	» » 12	192	» » 26	254	» » 12
9	» » 22	71	» » 13	132	» » 16	193	» April 8	255	» » 19
10	» » 30	72	» » 14	133	» » 17	194	» » 13	256	» » 21
11	» Aug. 12	73	» » 17	134	» » 18	195	» » 20	257	» » 22
13	» » 14	74	» » 21	135	» » 20	196	» » 21	258	» » 23
14	» » 15	75	» » 22	136	» » 22	197	» » 22	259	» » 28
15	» » 17	76	» » 24	137	» » 23	198	» » 23	260	» » 31
16	» » 19	77	» » 25	138	» » 25	199	» » 27	261	» Nov. 3
17	» » 20	78	» » 26	139	» » 26	200	» » 28	262	» » 5
18	» » 23	79	» » 27	140	» » 29	201	» » 30	263	» » 7
19	» » 24	80	» » 28	141	» Oct. 7	202	» May 1	264	» » 9
20	» » 26	81	» April 1	142	» » 8	203	» » 2	265	» » 10
21	» » 27	82	» » 2	143	» » 13	204	» » 6	266	» » 19
22	» » 28	83	» » 7	144	» » 14	205	» » 9	267	» Dec. 10
23	» » 29	84	» » 9	145	» » 16	206	» » 11	268	» » 14
24	» » 30	85	» » 10	146	» » 20	207	» » 15	269	» » 19
25	» » 31	86	» » 16	147	» » 23	208	» » 30	270	» » 29
26	» Sept. 3	87	» » 18	148	» » 27	209	» June 8	271	» » 30
27	» » 5	88	» » 19	149	» » 28	210	» » 9	272	1875 Jan. 25
28	» » 6	89	» » 21	150	» » 30	211	» » 10	273	» Feb. 1
29	» » 11	90	» » 23	151	» Nov. 1	212	» » 12	274	» » 3
30	» » 12	91	» » 24	152	» » 3	213	» » 13	275	» » 4
31	» » 13	92	» » 25	153	» » 4	214	» July 13	276	» » 5
32	» » 17	93	» » 26	154	» » 5	215	» » 16	277	» » 15
33	» » 18	94	» May 1	155	» » 11	216	» » 17	278	» » 25
34	» » 19	95	» » 2	156	» » 12	217	» » 18	279	» Mar. 3
35	» » 20	96	» » 6	157	» » 15	219	» » 24	280	» » 4
36	» » 26	97	» » 12	158	» » 22	220	» » 27	281	» » 5
37	» » 30	98	» » 13	159	» » 24	221	» » 28	282	» » 9
38	» Oct. 3	99	» » 15	160	» » 25	222	» » 29	283	» » 10
39	» » 8	100	» » 16	161	» » 28	223	» » 30	284	» » 15
40	» » 9	101	» » 23	162	» » 29	224	» Aug. 3	285	» April 5
41	» » 11	102	» » 24	163	» Dec. 9	225	» » 6	286	» » 6
42	» » 14	103	» » 27	164	» » 11	226	» » 8	287	» » 13
43	» » 16	104	» » 30	165	» » 12	227	» » 11	288	» » 14
44	» » 22	105	» June 2	166	» » 16	228	» » 14	289	» » 20
45	» » 25	106	» » 6	167	» » 20	229	» » 18	290	» » 22
46	» » 28	107	» » 9	168	» » 22	230	» » 19	292	» » 26
47	» Nov. 2	108	» » 12	169	» » 24	231	» » 20	293	» June 24
48	» » 6	109	» » 17	170	1874 Jan. 20	232	» » 21	294	» » 25
49	» » 7	110	» » 19	171	» » 21	233	» » 22	295	» July 6
50	» » 11	111	» » 23	172	» » 24	234	» » 24	296	» » 10
51	» » 12	112	» July 1	173	» » 27	235	» » 25	297	» » 12
52	» » 20	113	» » 4	174	» » 30	236	» » 28	298	» » 24
53	» » 21	114	» » 5	175	» Feb. 4	237	» » 29	299	» » 29
54	» » 23	115	» Aug. 5	176	» » 10	238	» Sept. 2	300	» Aug. 2
55	» » 29	116	» » 6	177	» » 11	239	» » 4	301	» » 4
56	» Dec. 4	117	» » 7	178	» » 17	240	» » 9	302	» » 12
57	» » 7	118	» » 9	179	» » 19	241	» » 12	303	» » 16
58	» » 9	119	» » 11	180	» » 20	242	» » 14	304	» » 18
59	» » 11	120	» » 14	181	» » 24	243	» » 15	305	» » 23
60	» » 28	121	» » 15	182	» » 27	244	» » 18	306	» » 25
61	1873 Jan. 2	122	» » 21	183	» Mar. 2	245	» » 22	307	» » 26
62	» » 3	123	» » 22	184	» » 3	246	» » 24	308	» » 27

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
309	1875 Aug. 30	380	1876 May 10	452	1877 May 2	524	1877 Nov. 22	595	1878 Sept. 6
310	» » 31	381	» » 11	453	» » 3	525	» » 23	596	» » 10
311	» Sept. 1	382	» » 12	454	» » 4	526	» Dec. 8	597	» » 11
312	» » 3	383	» » 15	455	» » 7	527	» » 10	598	» » 12
313	» » 4	384	» » 19	456	» » 8	528	» » 12	599	» » 13
314	» » 6	385	» » 29	457	» » 9	529	» 13	600	» » 16
315	» » 7	386	» June 1	458	» » 17	530	» » 14	601	» » 18
316	» » 9	387	» » 10	459	» » 19	531	» » 17	602	» » 19
317	» » 14	388	» » 16	460	» » 28	532	» » 18	603	» » 20
318	» » 15	389	» » 19	461	» » 29	533	» » 24	604	» » 23
319	» » 16	390	» » 20	462	» » 30	534	1878 Jan. 23	605	» » 26
320	» » 17	391	» » 21	463	» June 5	535	» » 25	606	» Oct. 3
321	» » 18	392	» » 24	464	» » 9	536	» » 26	607	» » 8
322	» » 20	393	» » 27	465	» » 13	537	» 31	608	» » 10
323	» » 25	394	» July 3	466	» » 14	538	» Feb. 1	609	» » 11
324	» » 29	395	» Aug. 9	467	» » 15	539	» » 7	610	» » 12
325	» » 30	396	» » 11	468	» » 20	540	» » 8	611	» » 14
326	» Oct. 2	397	» » 14	469	» » 25	541	» » 12	612	» » 18
327	» » 5	398	» » 16	470	» » 26	542	» » 14	613	» » 22
328	» » 6	399	» » 17	471	» » 27	543	» » 15	614	» » 24
329	» » 7	400	» » 21	472	» » 29	544	» » 18	615	» » 25
330	» » 11	401	» » 22	473	» July 4	545	» » 20	616	» » 26
331	» » 12	402	» » 25	474	» » 7	546	» Mar. 2	617	» » 28
332	» » 13	403	» » 29	475	» » 12	547	» » 4	618	» » 29
333	» » 21	404	» Sept. 1	476	» Aug. 15	548	» » 12	619	» Nov. 1
334	» » 25	405	» » 7	477	» » 16	549	» » 16	620	» » 2
335	» Nov. 4	406	» » 8	478	» » 17	550	» » 22	621	» » 7
336	» » 8	407	» » 18	479	» » 21	551	» » 23	622	» » 18
337	» » 15	408	» » 19	480	» » 23	552	» » 25	623	» » 29
338	» » 18	409	» » 20	481	» » 28	553	» » 26	624	» Dec. 9
339	» » 25	410	» » 21	482	» » 29	554	» » 27	625	» » 11
340	» Dec. 9	411	» » 23	483	» » 30	555	» » 30	626	» » 14
341	» » 17	412	» » 25	484	» » 31	556	» April 1	627	» » 17
342	» » 22	413	» » 29	485	» Sept. 1	557	» » 2	628	» » 18
343	» » 23	414	» Oct. 4	486	» » 4	558	» » 5	629	» » 19
344	1876 Jan. 22	415	» » 7	487	» » 5	559	» » 6	630	1879 Jan. 22
345	» » 25	416	» » 10	488	» » 7	560	» » 8	631	» Feb. 6
346	» » 29	417	» » 11	489	» » 8	561	» » 11	632	» » 24
347	» » 31	418	» » 13	490	» » 11	562	» » 12	633	» Mar. 1
348	» Feb. 2	419	» » 14	491	» » 12	563	» » 15	634	» » 3
349	» » 10	420	» » 16	492	» » 19	564	» » 18	635	» » 6
350	» » 11	421	» » 17	493	» » 21	565	» » 24	636	» » 7
351	» » 15	422	» » 18	494	» » 24	566	» » 27	637	» » 8
352	» » 22	423	» » 21	495	» » 26	567	» » 30	638	» » 29
353	» » 24	424	1877 Jan. 22	496	» » 27	568	» May 4	639	» April 2
354	» » 29	425	» » 24	497	» » 28	569	» » 10	640	» » 4
355	» Mar. 4	426	» » 25	498	» » 29	570	» » 11	641	» » 18
356	» » 7	427	» » 26	499	» Oct. 2	571	» » 18	642	» » 19
357	» » 10	428	» » 27	500	» » 3	572	» » 21	643	» » 21
358	» » 11	429	» » 30	501	» » 4	573	» » 23	644	» » 24
359	» » 15	430	» Feb. 2	502	» » 5	574	» June 8	645	» » 26
360	» » 17	431	» » 26	503	» » 6	575	» July 3	646	» » 28
361	» » 18	432	» » 28	504	» » 8	576	» » 8	647	» May 1
362	» » 20	433	» Mar. 5	505	» » 15	577	» » 13	648	» » 2
363	» » 24	434	» » 8	506	» » 16	578	» » 16	649	» » 3
364	» » 25	435	» » 10	507	» » 17	579	» » 17	650	» » 5
365	» » 29	436	» » 14	508	» » 18	580	» » 18	651	» » 6
365[a]	» » 31	437	» » 15	509	» » 20	581	» » 19	652	» » 9
366	» April 1	438	» » 16	510	» » 22	582	» » 20	653	» » 16
367	» » 3	439	» » 17	511	» » 23	583	» » 29	654	» » 19
368	» » 4	440	» » 19	512	» » 26	584	» Aug. 7	655	» » 21
369	» » 7	441	» » 21	513	» » 27	585	» » 8	656	» » 23
370	» » 8	442	» » 22	514	» Nov. 1	586	» » 12	657	» » 27
371	» » 25	443	» » 23	515	» » 5	587	» » 15	658	» » 29
372	» » 28	444	» April 5	516	» » 9	587[a]	» » 17	659	» » 30
373	» May 2	445	» » 7	517	» » 10	588	» » 19	660	» June 10
374	» » 3	446	» » 10	518	» » 12	589	» » 26	661	» » 18
375	» » 4	447	» » 14	519	» » 13	590	» » 27	662	» » 24
376	» » 5	448	» » 16	520	» » 16	591	» » 28	663	» » 27
377	» » 6	449	» » 19	521	» » 17	592	» » 29	664	» July 31
378	» » 8	450	» » 23	522	» » 19	593	» Sept. 2	665	» Aug. 4
379	» » 9	451	» » 24	523	» » 20	594	» » 3	666	» » 6

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
667	1879 Aug. 7	739	1880 Mar. 3	811	1880 Dec. 16	883	1881 Dec. 7	955	1883 Jan. 30
668	» » 11	740	» » 9	812	» » 18	884	» » 8	956	» Feb. 1
669	» » 21	741	» » 10	813	1881 Jan. 31	885	» » 21	957	» » 3
670	» » 25	742	» » 13	814	» Feb. 26	886	» » 22	958	» » 5
671	» » 26	743	» » 15	815	» » 28	887	» » 23	959	» » 6
672	» » 28	744	» » 17	816	» Mar. 1	888	1882 Jan. 23	960	» » 9
673	» » 29	745	» » 18	817	» » 8	889	» » 24	961	» » 13
674	» » 30	746	» » 19	818	» » 15	890	» » 25	962	» » 16
675	» Sept. 1	747	» » 23	819	» » 16	891	» Feb. 1	963	» » 21
676	» » 2	748	» » 24	820	» » 17	892	» » 2	964	» » 22
677	» » 3	749	» » 25	821	» » 19	893	» » 3	965	» » 23
678	» » 4	750	» April 1	822	» » 22	894	» » 10	966	» » 24
679	» » 8	751	» » 12	823	» » 26	895	» » 13	967	» » 26
680	» » 15	752	» » 16	824	» » 28	896	» » 15	968	» » 28
681	» » 20	753	» » 23	825	» » 30	897	» » 20	969	» April 6
682	» » 22	754	» » 26	826	» » 31	898	» » 24	970	» » 7
683	» » 24	755	» » 29	827	» April 1	899	» Mar. 1	971	» » 9
684	» » 25	756	» » 30	828	» » 4	900	» » 3	972	» » 10
685	» » 27	757	» May 1	829	» » 7	901	» » 6	973	» » 11
686	» » 29	758	» » 14	830	» » 8	902	» » 7	974	» » 14
687	» Oct. 1	759	» » 20	831	» » 9	903	» » 13	975	» » 17
688	» » 2	760	» » 22	832	» » 13	904	» » 14	976	» » 25
689	» » 3	761	» » 25	833	» » 26	905	» » 15	977	» May 7
690	» » 4	762	» » 28	834	» May 7	906	» » 16	978	» » 22
691	» » 6	763	» » 29	835	» » 10	907	» » 17	979	» » 23
692	» » 7	764	» » 31	836	» » 11	908	» » 18	980	» » 24
693	» » 9	765	» June 4	837	» » 12	909	» April 5	981	» » 25
694	» » 10	766	» » 12	838	» » 20	910	» » 6	982	» » 30
695	» » 15	767	» » 19	839	» » 21	911	» » 14	983	» » 31
696	» » 16	768	» » 21	840	» » 23	912	» » 24	984	» June 1
697	» » 17	769	» » 29	841	» » 30	913	» » 27	985	» » 4
698	» » 18	770	» July 9	842	» » 31	914	» May 1	986	» » 5
699	» » 20	771	» » 13	843	» June 1	915	» June 15	987	» » 6
700	» » 21	772	» » 15	844	» » 8	916	» » 20	988	» » 8
701	» » 25	773	» Aug. 9	845	» » 14	917	» » 27	989	» » 11
702	» Nov. 5	774	» » 11	846	» » 22	918	» » 28	990	» » 26
703	» » 6	775	» » 12	847	» » 24	919	» » 29	991	» » 28
704	» » 7	776	» » 23	848	» July 11	920	» » 30	992	» » 29
705	» » 11	777	» » 24	849	» » 12	921	» July 26	993	» July 2
706	» » 12	778	» » 28	850	» Aug. 10	922	» » 28	994	» » 4
707	» » 13	779	» » 31	851	» » 24	923	» » 29	995	» » 5
708	» » 14	780	» Sept. 3	852	» » 26	924	» Aug. 2	996	» Aug. 8
709	» » 15	781	» » 4	853	» Sept. 9	925	» » 3	997	» » 9
710	» » 17	782	» » 7	854	» » 14	926	» » 8	998	» » 10
711	» » 18	783	» » 8	855	» » 15	927	» » 9	999	» » 13
712	» » 19	784	» » 13	856	» » 19	928	» » 11	1000	» » 14
713	» » 21	785	» » 16	857	» » 23	929	» » 15	1001	» » 16
714	» » 22	786	» » 18	858	» » 26	930	» » 21	1002	» » 18
715	» » 29	787	» » 27	859	» » 28	931	» » 23	1003	» » 20
716	» Dec. 1	788	» » 28	860	» » 30	932	» » 30	1004	» » 21
717	» » 2	789	» » 29	861	» Oct. 1	933	» Sept. 4	1005	» » 23
718	» » 3	790	» Oct. 1	862	» » 3	934	» » 7	1006	» » 24
719	» » 4	791	» » 2	863	» » 5	935	» » 8	1007	» » 25
720	» » 10	792	» » 11	864	» » 8	936	» » 9	1008	» » 28
721	» » 11	793	» » 14	865	» » 11	937	» » 21	1009	» Sept. 3
722	» » 18	794	» » 18	866	» » 15	938	» » 22	1010	» » 4
723	» » 22	795	» » 21	867	» » 17	939	» » 23	1011	» » 5
724	1880 Jan. 12	796	» » 23	868	» » 19	940	» » 25	1012	» » 6
725	» » 26	797	» » 25	869	» » 20	941	» Oct. 2	1013	» » 8
726	» » 29	798	» » 29	870	» » 25	942	» » 3	1014	» » 12
727	» » 30	799	» » 30	871	» » 26	943	» » 4	1015	» » 14
728	» » 31	800	» Nov. 1	872	» » 27	944	» » 7	1016	» » 15
729	» Feb. 4	801	» » 2	873	» » 31	945	» » 18	1017	» » 17
730	» » 10	802	» » 3	874	» Nov. 10	946	» » 20	1018	» » 18
731	» » 12	803	» » 4	875	» » 15	947	» » 23	1019	» » 19
732	» » 13	804	» » 8	876	» » 17	948	» » 25	1020	» » 20
733	» » 17	805	» » 19	877	» » 19	949	» Dec. 11	1021	» » 21
734	» » 20	806	» » 20	878	» » 22	950	» » 23	1022	» » 24
735	» » 21	807	» » 22	879	» » 23	951	1883 Jan. 18	1023	» » 25
736	» » 25	808	» » 27	880	» » 29	952	» » 20	1024	» » 26
737	» » 26	809	» Dec. 6	881	» Dec. 3	953	» » 23	1025	» » 27
738	» » 28	810	» » 11	882	» » 5	954	» » 26	1026	» Oct. 3

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
1027	1883 Oct. 5	1098	1884 June 30	1170	1885 April 15	1242	1886 Jan. 27	1315	1886 Oct. 4
1028	» » 6	1099	» July 2	1171	» » 17	1243	» » 28	1316	» » 5
1029	» » 12	1100	» » 4	1172	» » 18	1244	» » 30	1317	» » 6
1030	» » 18	1101	» » 7	1173	» » 20	1245	» Feb. 1	1318	» » 8
1031	» » 20	1102	» » 16	1174	» » 21	1246	» » 2	1319	» » 19
1032	» » 22	1103	» » 17	1175	» » 23	1247	» » 6	1320	» » 22
1033	» » 29	1104	» » 19	1176	» » 25	1248	» » 8	1321	» » 23
1034	» Nov. 6	1105	» » 21	1177	» » 27	1249	» » 9	1322	» » 29
1035	» » 8	1106	» Aug. 19	1178	» » 28	1250	» » 20	1323	» Nov. 1
1036	» » 9	1107	» » 20	1179	» » 29	1251	» » 24	1324	» » 2
1037	» » 10	1108	» » 21	1180	» May 7	1252	» » 25	1325	» » 4
1038	» » 12	1109	» » 22	1181	» » 8	1253	» Mar. 3	1326	» » 16
1039	» » 14	1110	» » 23	1182	» » 9	1254	» » 4	1327	» » 17
1040	» » 17	1111	» » 29	1183	» » 11	1255	» » 6	1328	» » 18
1041	» » 19	1112	» Sept. 2	1184	» » 12	1256	» » 8	1329	» » 22
1042	» » 20	1113	» » 5	1185	» » 13	1257	» » 9	1330	» » 23
1043	» » 21	1114	» » 10	1186	» » 15	1258	» » 12	1331	» » 25
1044	» » 23	1115	» » 11	1187	» » 21	1259	» » 23	1332	» » 29
1045	» » 28	1116	» » 12	1188	» » 23	1260	» » 24	1333	» » 30
1046	» » 29	1117	» » 17	1189	» » 29	1261	» » 25	1334	» Dec. 1
1047	» Dec. 4	1118	» » 18	1190	» June 1	1262	» » 31	1336	» » 16
1048	» » 12	1119	» » 20	1191	» » 3	1263	» April 3	1337	» » 18
1049	» » 14	1120	» » 22	1192	» » 4	1264	» » 5	1338	» » 20
1050	» » 20	1121	» » 25	1193	» » 27	1265	» » 6	1339	» » 23
1051	1884 Jan. 18	1122	» » 29	1194	» July 6	1266	» » 8	1340	1887 Jan. 10
1052	» » 21	1123	» Oct. 3	1195	» » 8	1267	» » 9	1341	» » 12
1053	» » 24	1124	» » 4	1196	» » 10	1268	» » 10	1342	» » 20
1054	» Feb. 18	1125	» » 13	1197	» » 14	1269	» » 13	1343	» » 25
1055	» » 21	1126	» » 14	1198	» » 15	1270	» » 29	1344	» » 28
1056	» » 28	1127	» » 16	1199	» » 17	1271	» » 30	1345	» » 31
1057	» Mar. 5	1128	» » 17	1200	» » 22	1272	» May 1	1346	» Feb. 1
1058	» » 10	1129	» » 22	1201	» » 23	1273	» » 3	1347	» » 8
1059	» » 12	1130	» » 23	1202	» » 24	1274	» » 4	1348	» » 12
1060	» » 14	1131	» » 24	1203	» » 25	1275	» » 6	1349	» » 14
1061	» » 15	1132	» » 28	1204	» Aug. 3	1276	» » 15	1350	» » 15
1062	» » 18	1133	» » 29	1205	» Sept. 1	1277	» » 18	1351	» » 16
1063	» » 21	1134	» » 31	1206	» » 3	1278	» » 20	1352	» » 17
1064	» » 24	1135	» Nov. 3	1207	» » 4	1280	» » 27	1353	» » 25
1065	» » 31	1136	» » 7	1208	» » 9	1281	» » 28	1354	» » 26
1066	» April 2	1137	» » 10	1209	» » 11	1282	» » 29	1355	» » 28
1066[a]	» » 3	1138	» » 20	1210	» » 14	1283	» June 1	1356	» Mar. 1
1067	» » 5	1139	» » 21	1211	» » 15	1284	» » 8	1357	» » 3
1068	» » 9	1140	» » 28	1212	» » 17	1285	» » 9	1358	» » 10
1069	» » 18	1141	» » 29	1213	» » 18	1286	» » 23	1359	» » 11
1070	» » 19	1142	» Dec. 9	1214	» » 21	1287	» » 24	1360	» » 12
1071	» » 21	1143	» » 15	1215	» » 22	1288	» » 28	1361	» » 16
1072	» » 22	1144	» » 16	1216	» » 24	1289	» » 29	1362	» » 18
1073	» » 24	1145	» » 17	1217	» » 26	1290	» » 30	1363	» » 19
1074	» » 29	1146	» » 18	1218	» » 28	1291	» July 1	1364	» » 23
1075	» » 30	1147	» » 19	1219	» Oct. 1	1292	» » 5	1365	» April 2
1076	» May 3	1148	1885 Feb. 5	1220	» » 3	1293	» » 6	1366	» » 7
1077	» » 5	1149	» » 7	1221	» » 5	1294	» » 14	1367	» » 19
1078	» » 6	1150	» » 9	1222	» » 7	1295	» » 20	1368	» » 23
1079	» » 9	1151	» » 19	1223	» » 8	1296	» » 22	1369	» » 25
1080	» » 10	1152	» » 20	1224	» » 15	1297	» » 28	1370	» » 27
1081	» » 13	1153	» » 25	1225	» » 16	1298	» Aug. 30	1371	» May 9
1082	» » 14	1154	» » 27	1226	» » 26	1299	» » 31	1372	» » 10
1083	» » 17	1155	» Mar. 4	1227	» » 29	1300	» Sept. 1	1373	» » 14
1084	» » 21	1156	» » 5	1228	» Nov. 2	1301	» » 6	1374	» » 16
1085	» » 23	1157	» » 7	1229	» » 4	1302	» » 7	1375	» » 20
1086	» » 26	1158	» » 12	1230	» » 16	1303	» » 8	1376	» » 21
1087	» » 27	1159	» » 14	1231	» » 17	1304	» » 9	1377	» June 10
1088	» » 30	1160	» » 19	1232	» » 18	1305	» » 10	1378	» » 13
1089	» June 7	1161	» » 20	1233	» » 19	1306	» » 11	1379	» » 18
1090	» » 10	1162	» » 21	1234	» Dec. 1	1307	» » 13	1380	» » 20
1091	» » 11	1163	» » 23	1235	» » 4	1308	» » 15	1381	» » 25
1092	» » 12	1164	» » 27	1236	» » 7	1309	» » 17	1382	» » 29
1093	» » 14	1165	» » 28	1237	» » 8	1310	» » 18	1383	» » 30
1094	» » 21	1166	» » 30	1238	» » 10	1311	» » 22	1384	» July 5
1095	» » 25	1167	» April 2	1239	» » 11	1312	» » 29	1385	» » 11
1096	» » 27	1168	» » 10	1240	» » 15	1313	» » 30	1386	» » 13
1097	» » 28	1169	» » 13	1241	1886 Jan. 26	1314	» Oct. 2	1387	» » 14

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
1388	1887 July 19	1460	1888 June 25	1532	1889 Nov. 2	1604	1890 Oct. 14	1676	1892 April 4
1389	» » 20	1461	» July 19	1533	» » 5	1605	» » 18	1677	» » 5
1390	» » 21	1462	» » 21	1534	» » 6	1606	» » 21	1678	» » 6
1391	» » 23	1463	» » 23	1535	» » 7	1607	» » 27	1679	» » 9
1392	» » 25	1464	» » 26	1536	» » 8	1608	» Nov. 1	1680	» » 11
1393	» » 29	1465	» Aug. 22	1537	» » 12	1609	» » 10	1681	» » 22
1394	» Aug. 22	1466	» » 25	1538	» » 25	1610	» Dec. 6	1682	» » 25
1395	» » 24	1467	» » 29	1539	» » 26	1611	1891 Jan. 22	1683	» » 27
1396	» » 25	1468	» Sept. 6	1540	» » 27	1612	» » 30	1684	» » 28
1397	» » 27	1469	» » 12	1541	» Dec. 10	1613	» Feb. 2	1685	» » 29
1398	» » 29	1470	» » 13	1542	» » 11	1614	» » 4	1686	» » 30
1399	» » 31	1471	» » 14	1543	» » 17	1615	» » 23	1687	» May 6
1400	» Sept. 2	1472	» » 17	1544	1890 Jan. 1	1616	» » 24	1688	» » 7
1401	» » 3	1473	» » 19	1545	» » 27	1617	» » 25	1689	» » 9
1402	» » 5	1474	» » 20	1546	» Feb. 3	1618	» » 26	1690	» » 10
1403	» » 6	1475	» » 21	1547	» » 5	1619	» » 27	1691	» » 14
1404	» » 7	1476	» » 22	1548	» » 8	1620	» Mar. 12	1692	» » 17
1405	» » 8	1477	» » 26	1549	» » 10	1621	» » 16	1693	» » 18
1406	» » 22	1478	» » 27	1550	» » 22	1622	» » 21	1694	» » 20
1407	» » 28	1479	» Oct. 2	1551	» Mar. 3	1623	» April 10	1695	» » 24
1408	» Oct. 10	1480	» » 3	1552	» » 6	1624	» » 11	1696	» » 30
1409	» » 11	1481	» » 5	1553	» » 11	1625	» » 17	1697	» » 31
1410	» » 13	1482	» » 15	1554	» » 14	1626	» » 23	1698	» June 1
1411	» » 14	1483	» » 19	1555	» » 15	1627	» » 25	1699	» » 2
1412	» » 15	1484	» » 20	1556	» » 17	1628	» May 5	1700	» » 7
1413	» » 19	1485	» » 22	1557	» » 29	1629	» » 12	1701	» » 8
1414	» » 21	1486	» » 23	1558	» April 2	1630	» » 13	1702	» » 9
1415	» » 24	1487	» » 30	1559	» » 3	1631	» June 1	1703	» » 13
1416	» » 25	1488	» Nov. 6	1560	» » 11	1632	» » 11	1704	» » 14
1417	» » 26	1489	» » 9	1561	» » 16	1633	» » 16	1705	» » 17
1418	» » 28	1490	» » 13	1562	» » 22	1634	» July 2	1706	» » 24
1419	» » 31	1491	» » 14	1563	» » 30	1635	» » 10	1707	» » 27
1420	» Nov. 2	1492	» » 16	1564	» May 3	1636	» Aug. 12	1708	» » 29
1421	» » 14	1493	» » 20	1565	» » 12	1637	» Sept. 23	1709	» July 4
1422	» » 15	1494	» » 22	1566	» » 13	1638	» » 28	1710	» » 7
1423	» » 16	1495	» » 23	1567	» » 14	1639	» Nov. 11	1711	» » 8
1424	» » 19	1496	» » 26	1568	» » 17	1640	» » 13	1712	» » 9
1425	» » 30	1497	» Dec. 1	1569	» » 20	1641	» » 17	1713	» » 11
1426	» Dec. 2	1498	» » 6	1570	» » 21	1642	» » 21	1714	» » 21
1427	» » 6	1499	» » 7	1571	» » 22	1643	» Dec. 2	1715	» » 23
1428	» » 7	1500	» » 13	1572	» » 23	1644	» » 4	1716	» » 28
1429	» » 9	1501	1889 Jan. 19	1573	» » 28	1645	» » 11	1717	» » 30
1430	» » 10	1502	» » 21	1574	» » 30	1646	» » 17	1718	» Aug. 3
1431	» » 14	1503	» » 23	1575	» » 31	1647	» » 19	1719	» 5
1432	» » 16	1504	» » 29	1576	» June 2	1648	» » 22	1720	» » 6
1433	» » 17	1505	» Feb. 1	1577	» » 9	1649	» » 23	1721	» » 8
1434	» » 19	1506	» » 2	1578	» July 19	1650	1892 Feb. 11	1722	» » 11
1435	1888 Jan. 25	1507	» » 4	1579	» » 22	1651	» » 12	1723	» » 12
1436	» Feb. 1	1508	» » 7	1580	» Aug. 27	1652	» » 13	1724	» » 15
1437	» » 3	1509	» » 8	1581	» » 29	1653	» » 16	1725	» » 16
1438	» » 7	1510	» » 9	1582	» » 30	1654	» » 18	1726	» » 17
1439	» » 8	1511	» » 15	1583	» Sept. 5	1655	» » 19	1727	» » 20
1440	» » 10	1512	» » 19	1584	» » 8	1656	» » 22	1728	» » 22
1441	» Mar. 1	1513	» » 20	1585	» » 11	1657	» » 24	1729	» » 25
1442	» » 2	1514	» » 21	1586	» » 12	1658	» » 25	1730	» » 26
1443	» » 3	1515	» Mar. 4	1587	» » 13	1659	» » 29	1731	» » 30
1444	» » 8	1516	» » 5	1588	» » 15	1660	» Mar. 8	1732	» Sept. 3
1445	» » 15	1517	» » 12	1589	» » 16	1661	» » 9	1733	» » 5
1446	» » 21	1518	» » 15	1590	» » 19	1662	» » 12	1734	» » 8
1447	» » 27	1519	» » 22	1591	» » 20	1663	» » 14	1735	» » 10
1448	» April 6	1520	» April 5	1592	» » 24	1664	» » 18	1736	» » 12
1449	» » 18	1521	» » 29	1593	« » 25	1665	» » 19	1737	» » 14
1450	» May 1	1522	» May 2	1594	» » 27	1666	» » 22	1738	» » 15
1451	» » 2	1523	» » 3	1595	» » 29	1667	» » 23	1739	» » 16
1452	» » 3	1524	» » 16	1596	» » 30	1668	» » 24	1740	» » 17
1453	» » 7	1525	» » 21	1597	» Oct. 1	1669	» » 25	1741	» » 23
1454	» » 8	1526	» » 22	1598	» » 2	1670	» » 28	1742	» » 24
1455	» » 11	1527	» » 31	1599	» » 4	1671	» » 29	1743	» » 28
1456	» » 12	1528	» June 4	1600	» » 8	1672	» » 30	1744	» Oct. 1
1457	» » 15	1529	» » 12	1601	» » 9	1673	» » 31	1745	» » 5
1458	» » 31	1530	» » 17	1602	» » 10	1674	» April 1	1746	» » 7
1459	» June 13	1531	» » 22	1603	» » 13	1675	» » 2	1747	» » 10

Zone	Date	Zone	Date	Zone	Date	Zone	Date	Zone	Date
1748	1892 Oct. 11	1803	1893 May 5	1859	1893 Oct. 10	1913	1894 April 10	1967	1895 Aug. 17
1749	» » 12	1804	» » 6	1860	» » 12	1914	» » 18	1968	» » 19
1750	» » 17	1805	» » 8	1861	» » 18	1915	» » 21	1969	» » 20
1751	» » 18	1806	» » 9	1862	» » 30	1916	» » 26	1970	» » 21
1752	» » 22	1807	» » 10	1863	» » 31	1917	» » 28	1971	» » 23
1753	» » 25	1808	» » 13	1864	» Nov. 7	1918	» May 1	1972	» » 24
1754	» » 26	1809	» » 18	1865	» » 9	1919	» » 4	1973	» » 28
1755	» » 29	1810	» » 24	1866	» » 11	1920	» June 19	1974	» Sept. 19
1756	» Nov. 1	1811	» » 25	1867	» » 13	1921	» » 20	1975	» » 20
1757	» » 3	1812	» » 31	1868	» » 16	1922	» » 21	1976	» » 23
1758	» » 26	1813	» June 2	1869	» » 22	1923	» » 26	1977	» » 24
1759	» » 30	1814	» » 3	1870	» » 28	1924	» » 27	1978	» » 25
1760	» Dec. 5	1815	» » 5	1871	» Dec. 1	1925	» Dec. 8	1979	» » 26
1761	» » 12	1816	» » 7	1872	» » 2	1926	» » 19	1980	» » 27
1762	» » 13	1817	» » 8	1873	» » 4	1927	1895 Jan. 10	1981	» Oct. 30
1763	1893 Jan. 10	1818	» » 12	1874	» » 7	1928	» » 14	1982	» Nov. 1
1764	» » 14	1819	» » 13	1875	» » 9	1929	» » 18	1983	» » 14
1765	» » 18	1820	» » 15	1876	» » 11	1930	» » 21	1984	» » 18
1766	» » 19	1821	» » 16	1877	» » 14	1931	» » 23	1985	» Dec. 10
1767	» » 20	1822	» » 17	1878	» » 15	1932	» » 28	1986	» » 16
1768	» » 25	1823	» » 23	1879	» » 22	1933	» » 29	1987	1896 Jan. 8
1769	» » 27	1824	» » 24	1880	» » 23	1934	» » 30	1988	» » 14
1770	» Feb. 1	1825	» » 27	1881	1894 Jan. 11	1935	» Feb. 6	1989	» » 15
1771	» » 4	1826	» » 28	1882	» » 12	1936	» » 13	1990	» » 17
1772	» » 6	1827	» » 29	1883	» » 18	1937	» » 25	1991	» » 20
1773	» » 7	1828	» » 30	1884	» » 23	1938	» Mar. 1	1992	» » 22
1774	» » 8	1829	» July 3	1885	» » 26	1939	» » 16	1993	» » 28
1775	» » 10	1830	» » 5	1886	» » 30	1940	» » 21	1994	» » 29
1776	» » 14	1831	» » 7	1887	» » 31	1941	» » 25	1995	» » 30
1777	» » 15	1832	» » 10	1888	» Feb. 3	1942	» April 10	1996	» Feb. 4
1778	» » 16	1833	» » 17	1889	» » 5	1943	» » 17	1997	» » 5
1779	» » 20	1834	» » 20	1890	» » 8	1944	» » 29	1998	» » 11
1780	» » 25	1835	» » 22	1891	» » 9	1945	» May 1	1998[a]	» » 19
1781	» Mar. 1	1836	» » 24	1892	» » 10	1946	» » 7	1999	» » 22
1782	» » 4	1837	» » 26	1893	» » 12	1947	» » 10	2000	» Mar. 4
1783	» » 8	1838	» » 27	1894	» » 13	1948	» » 31	2001	» » 16
1784	» » 9	1839	» Aug. 2	1895	» » 19	1949	» June 7	2002	» » 30
1785	» » 10	1842	» » 7	1896	» » 20	1950	» » 8	2003	» April 10
1786	» » 11	1843	» » 8	1897	» » 21	1951	» » 12	2004	» » 29
1787	» » 16	1844	» » 10	1898	» » 22	1952	» » 15	2005	» » 30
1788	» » 17	1845	» » 21	1899	» » 24	1953	» » 17	2006	» May 4
1789	» » 18	1846	» » 23	1900	» » 27	1954	» » 20	2007	» » 9
1790	» » 20	1847	» » 25	1901	» » 28	1955	» » 22	2008	» » 11
1791	» » 21	1848	» Sept. 4	1902	» Mar. 2	1956	» » 24	2009	» June 5
1792	» » 22	1849	» » 5	1903	» » 15	1957	» » 27	2010	» » 15
1793	» » 23	1850	» » 7	1904	» » 16	1958	» July 1	2011	» » 26
1794	» April 5	1851	» » 11	1905	» » 20	1959	» » 6	2012	» July 6
1795	» » 6	1852	» » 12	1906	» » 31	1960	» » 8	2013	» » 10
1797	» » 19	1853	» » 14	1907	» April 2	1961	» » 12		
1798	» » 21	1854	» » 15	1908	» » 3	1962	» » 19	2021	» Sept. 30
1799	» » 22	1855	» » 22	1909	» » 4	1963	» » 20	2022	» Oct. 9
1800	» » 24	1856	» » 30	1910	» » 5	1964	» Aug. 12	2023	» » 21
1801	» » 26	1857	» Oct. 4	1911	» » 7	1965	» » 13	2024	» » 22
1802	» » 27	1858	» » 6	1912	» » 9	1966	» » 14		

No stars of the zone-catalogue were observed on 15 days of observation, the numbers of which are omitted in the preceding list, viz.: 12, 218, 291, 1279, 1335, 1796, 1840, 1841, 2014 to 2020.

Errata.

Corrections to the Star-places, Epochs, BD.-numbers, &c.

428 For 28 38 0.8 read 28 38 10.8
446 » 27 119 » 27 119*
523 » 28 140 » 28 140*
568 Omit; erroneous obs. of 464
706 For 25 34 54.0 read 25 34 44.0
752 » 29 29 35.5 » 29 29 36.1
777 » 26 16 12.2 » 26 16 13.2
954 » 28 5 26.6 » 28 6 26.8
1061 » 1 49 56.51 » 1 49 56.85
1089 » 27 1 19.2 » 27 1 18.2
1112 » 1 56 23.03 » 1 56 23.83
1195 » 2 7 27.05 » 2 7 26.05
1404 » 2 32 54.51 » 2 32 54.61
1518 » 29 57 49.1 » 29 57 48.1
1550 » 25 57 59.5 » 25 57 58.5
1552 » 28 45 54.8 » 28 45 14.8
1592 » 75.7 » 74.5
1668 » 27 14 14.8 » 27 14 15.8
1681 » 28 35 53.3 » 28 35 23.3
1698 » 26 1 14.5 » 26 0 14.0
1807 » 27 25 33.9 » 27 25 32.9
1822 » 29 25 32.2 » 29 25 31.2
1848 » 24 59 54.9 » 24 59 53.9
1864 » 29 15 41.1 » 29 15 40.1
1866 » 24 59 55.7 » 24 59 53.7
1886 » 26 630* » 26 630
2115 » 28 52 6.3 » 28 52 5.1
2142 » 25 44 51.6 » 25 44 50.6
2217 » 30 8 19.5 » 30 8 17.5
2225 » 27 38 3.6 » 27 38 5.2
2240 » 29 48 20.4 » 29 48 18.4
2284 » 86.4 » 76.4
2297 » 26 30 58.2 » 26 30 56.2
2403 R.A. probably 1^{s} too great; v. Appendix
2414 For 27 56 18.9 read 27 56 11.9
2579 » 85.1 » 75.1
2586 » 86.4 » 76.4
2658 » 28 9 12.7 » 28 8 12.8
2694 » 26 52 29.4 » 26 52 26.4
2740 » 76.1 » 76.8
2781 » 80.1 » 78.7
2818 » 25 56 4.8 » 25 56 8.8
2846 » 86.1 » 76.1
2849 » 86.1 » 76.1
3018 » 28 54 46.1 » 28 55 46.4
3077 » 6 8 9.92 » 6 8 9.52
3145 » 6 12 50.43 » 6 12 50.04
3150 For 26 32 52.3 read 26 32 53.3
3173 Insert note: Double; south following
3226 For 26 12 22.0 read 26 12 23.0
3318 » 83.7 » 82.7
3324 Omit; erroneous obs. of. 3306
3349 For 28 1177 read — —
3356 » 28 1179 » — —
3449 » Close double » Coarse double
3680 » 26 29 4.8 » 26 28 4.4
3854 » 28 1351 » 28 1351*
4075 » 78.2 » 78.5
4457 » 8 10 10.45 » 8 10 11.45
4736 » 27 1689 » 27 1687*
5122 » 25 44 36.8 » 25 41 36.8
5385 » 10 23 40.57 » 10 23 40.91
5695 » 25 2361 » 25 2360*
5818 » 26 6 30.0 » 26 6 40.0
5829 » 11 32 59.99 » 11 32 56.99
6120, 6121 No notes. Very close double. Probably middle taken each time, not the two components separately
6821 For 77.4 read 79.2
6976 » 24 53 15.4 » 24 53 14.4
7086 » 15 2 3.71 » 15 2 3.85
» 25 23 55.3 » 25 24 1.7
» 78.4 » 76.7
7620 R.A. probably 1^{s} too small; v. Appendix
8562 For 27 51 32.1 read 27 51 30.1
8853 » 30 0 6.6 » 30 2 6.5
9104 R.A. probably 1^{m} too great
10987 For 27 14 5.2 read 27 14 4.2
11006 » Double: south foll. read Double: south prec.
11236 For 29 11 24.1 read 29 11 23.1
11391 » 27 4 35.4 » 27 4 36.4
12110 » 29 59 26.9 » 29 59 25.9
12165 » 82.7 » 87.7
12311 » 27 43 0.3 » 27 43 1.3
12420 » 28 56 30.7 » 28 55 30.7
12423 » 86.2 » 85.3
12559 » 28 6 29.5 » 28 1 29.5
» — — » 27 4077
12633 » 80.5 » 79.9
12758 » 28 4152* » 28 4151*
12771 » 21 34 33.34 » 21 34 32.34
12846 » 21 38 58.40 » 21 38 57.40
13011 » 27 1 51.4 » 28 1 51.4
13038 » 21 51 50.59 » 21 51 51.24
13249 » 72.7 » 73.7

Corrections to the Precessions and Secular Variations.

654	For	3.2472	read	3.2445
728	»	3.2853	»	3.2861
753	»	3.3025	»	3.3031
802	»	3.2932	»	3.2943
807	»	3.3046	»	3.3030
808	»	3.3065	»	3.3048
832	»	3.3499	»	3.3467
846	»	3.3502	»	3.3471
869	»	3.3525	»	3.3496
875	»	3.3180	»	3.3154
885	»	3.3316	»	3.3183
886	»	3.3480	»	3.3451
906	»	3.3604	»	3.3590
907	»	3.3319	»	3.3292
949	»	3.3731	»	3.3702
988	»	3.3998	»	3.4028
1000	»	3.4102	»	3.4095
1044	»	3.4007	»	3.3976
1058	»	3.3893	»	3.3884
1095	»	3.3894	»	3.3870
1099	»	3.3997	»	3.3971
1126	»	3.4311	»	3.4282
1185	»	3.4157	»	3.4353
1196	»	3.4565	»	3.4539
1280	»	5.4970	»	3.4970
1289	»	3.4698	»	3.4674
1305	»	3.4454	»	3.4431
1313	»	3.4769	»	3.4763
1429	»	3.5612	»	3.5594
1430	»	3.5012	»	3.4981
1462	»	15.275	»	15.271
1492	»	3.5264	»	3.5232
1554	»	3.5172	»	3.5159
1566	»	3.5576	»	3.5586
1645	»	3.5401	»	3.5501
1698	»	3.5737	»	3.5733
1701	»	3.6674	»	3.6645
1807	»	3.6363	»	3.6328
1829	»	3.6601	»	3.6573
1830	»	3.6473	»	3.6461
1842	»	3.5940	»	3.5920
1999	»	3.6229	»	3.6270
2033	»	3.6281	»	3.6286
2115	»	7.884	»	7.804
2116	»	7.882	»	7.802
2227	For	3.6700	read	3.6695
2247	»	3.6841	»	3.6851
2266	»	3.7574	»	3.7569
2304	»	3.7132	»	3.7105
2328	»	3.7769	»	3.7777
2356	»	3.6828	»	3.6782
2370	»	3.6712	»	3.6758
2428	»	3.8210	»	3.8174
2525	»	3.8411	»	3.8406
2578	»	3.7987	»	3.7997
2611	»	3.8147	»	3.8142
2626	»	3.7024	»	3.7006
2635	»	3.8270	»	3.8261
2658	»	3.7841	»	3.7836
2740	»	3.7139	»	3.7126
2860	»	3.8079	»	3.8069
2970	»	3.7317	»	3.7363
2990	»	3.7143	»	3.7151
3018	»	3.8106	»	3.8111
3056	»	3.8000	»	3.8050
3112	»	3.7219	»	3.7214
3166	»	3.7581	»	3.7589
3232	»	3.6935	»	3.6940
3326	»	3.7549	»	3.7530
3379	»	3.6919	»	3.6885
3426	»	3.8083	»	3.8078
3470	»	3.7861	»	3.7811
3488	»	5.7345	»	3.7345
3529	»	3.8291	»	3.8296
3541	»	3.7686	»	3.7681
3553	»	3.7256	»	3.7250
3648	»	3.7775	»	3.7780
3680	»	3.7202	»	3.7197
3687	»	3.6997	»	3.7279
3734	»	3.7717	»	3.7712
3737	»	3.6775	»	3.6767
3857	»	3.7950	»	3.7938
3916	»	3.7288	»	3.7269
4066	»	3.7081	»	3.7063
4085	»	3.7035	»	3.7025
4091	»	3.7514	»	3.7499
4103	»	3.7187	»	3.7151
4168	»	3.7608	»	3.7603
4219	»	3.6283	»	3.6263
4240	For	3.6611	read	3.6653
4245	»	3.6435	»	3.6421
4261	»	3.6663	»	3.6628
4274	»	3.7336	»	3.7301
4295	»	3.7183	»	3.7228
4351	»	3.6368	»	3.6352
4359	»	3.6126	»	3.6140
4528	»	3.6191	»	3.6168
4547	»	3.5716	»	3.5709
4585	»	3.5965	»	3.5934
4606	»	3.5783	»	3.5793
4624	»	3.5784	»	3.5671
4652	»	3.6576	»	3.6596
4655	»	3.6566	»	3.6536
4656	»	3.6715	»	3.6691
4666	»	3.5855	»	3.5892
4677	»	3.6740	»	3.6719
4718	»	3.5394	»	3.5366
4816	»	3.6276	»	3.6246
4840	»	3.5734	»	3.5698
4846	»	3.6024	»	3.6061
4871	»	3.5183	»	3.5157
4875	»	3.5165	»	3.5155
4942	»	3.5718	»	3.5701
5122	»	3.4301	»	3.4293
5135	»	3.4937	»	3.4926
5186	»	3.4173	»	3.4153
5198	»	3.4431	»	3.4415
5206	»	3.4645	»	3.4618
5250	»	3.4267	»	3.4262
5256	»	3.4292	»	3.4301
5283	»	3.4284	»	3.4293
5304	»	3.4097	»	3.4068
5317	»	3.4132	»	3.4124
5335	»	3.3545	»	3.3536
5348	»	3.3531	»	3.3540
5450	»	3.2988	»	3.2983
5464	»	3.2977	»	3.2962
8325	»	4.4353	»	2.4353
8853	»	2.3026	»	2.3015
12559	»	2.6229	»	2.6245
13011	»	2.7063	»	2.6904
»	»	0.0059	»	0.0062
»	»	0.205	»	0.203

Corrections to the Zone numbers.

491	For 811	read	812
571	» 720	»	721
1129	» 1146	»	1145
1178	» 721	»	722
1207	» 721	»	722
1263	» 1047 (2)	»	1047 1049
1276	» 629	»	626
1477	» 270	»	269
1592	» 721	»	59
1774	Insert zone 951		
1803	For 957	read	958
2530	» 633	»	634
2558	» 965	»	964
2576	» 965	»	964
2660	» 965	»	964
2666	» 637	»	635
2740	» 544	»	736
2781	» 1255	»	635
2842	» 179	»	180
2857	» 736	»	735
2984	» 967	»	959
2993	» 170	»	174
3006	» 1060	»	1058
3007	» 434	»	433
3040	» 966	»	964
3111	» 735	»	736
3268	» 178	»	179
3318	» 1253 (2)	»	635 1253
3684	» 633	»	637
4075	» 741	»	816
4154	» 1921	»	1621
4220	» 175	»	182
4260	» 435	»	438
4355	» 276	»	275
4388	» 825	»	826
4408	» 1165 (2)	»	1164 1165
4600	» 70	»	72
4768	» 556	»	557
5097	» 77	»	80
5145	» 77	»	80
5305	» 1174	»	1173
5339	» 92	»	90
5360	» 92	»	90
5371	» 447	»	448
5571	» 90	»	194
5690	» 90	»	198
5765	» 453	»	454
5795	For 92	read	93
5819	» 372	»	371
5962	» 376	»	377
6009	» 197	»	196
6177	» 81	»	94
6183	» 97	»	98
6216	» 1373	»	1374
6425	» 836	»	835
6553	» 98	»	97
6666	» 656	»	658
6684	» 459	»	458
6710	» 384	»	385
6723	» 384	»	385
6792	» 98	»	101
6800	» 987	»	988
6821	» 842	»	1458
6823	» 979	»	978
6888	» 843	»	844
6902	» 98	»	101
6903	» 1086	»	1084
6953	» 1811	»	1812
7086	Insert zone 102		
7146	For 842	read	841
7442	» 845	»	847
7486	» 574	»	575
7650	» 919	»	917
7706	» 916	»	920
7717	» 296	»	297
7807	» 393	»	471
7847	» 295	»	296
8001	» 221	»	222
8057	» 1194	»	1195
8066	» 1294	»	1295
8111	» 298	»	299
8135	» 298	»	299
8148	» 298	»	299
8170	» 224	»	225
8184	» 474	»	475
8207	» 773	»	774
8266	» 582	»	583
8358	» 223	»	224
8395	» 925	»	926
8486	» 228	»	229
8491	» 921	»	922
8492	» 230	»	231
8497	» 226	»	229
8506	For 230	read	231
8564	» 1390	»	1391
8719	» 236	»	232
8728	» 233	»	227
8785	» 232	»	236
8797	» 232	»	236
8944	» 237	»	230
8975	» 236 (2)	»	221 236
9041	» 677	»	673
9042	» 673	»	677
9051	» 219	»	230
9358	» 237	»	233
9364	» 237	»	236
9409	» 14	»	121
9440	» 228	»	230
9502	» 1302	»	1306
10872	» 486	»	488
10941	» 321	»	322
11424	» 254	»	255
11551	» 26	»	27
12083	» 498	»	482
12120	» 476	»	477
12165	» 414	»	1315
12219	» 320	»	321
12246	» 784	»	786
12317	» 326	»	327
12417	» 947	»	942
12423	» 1115 1412	read	945 1411
12513	» 313	read	335
12589	» 1411	»	1219
12601	» 799	»	793
12818	» 1228	»	1229
12932	» 790	»	791
13075	» 1228	»	1229
13163	» 686	»	610
13200	» 416	»	418
13249	» 30	»	131
13278	» 869	»	870
13460	» 7 obs.	»	6 obs. (v. p. 297)
13524	» 524	»	525
13646	» 133	»	134
13685	» 1040	»	1041
13828	» 144	»	145
13930	» 523	»	524
13953	» 56	»	57
13978	» 7 obs.	»	6 obs.; omit 506

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